

Create PT Prep

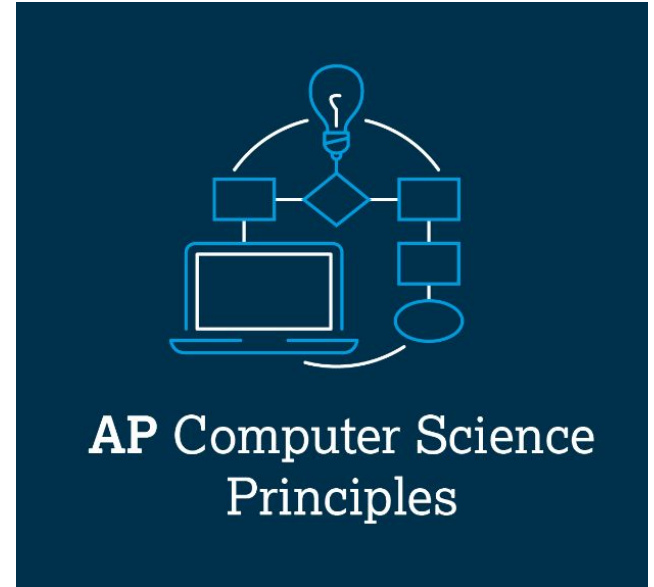
Preparing your code to submit in the digital portfolio for the Create Performance Task



AP CSP Create Performance Task

Things to know about the Create PT:

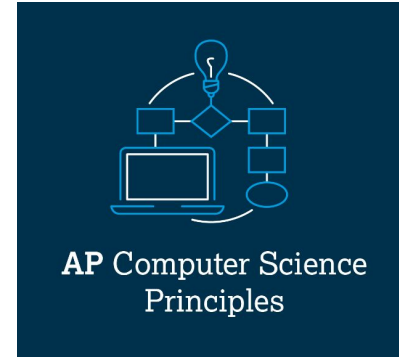
- You can work with a partner
- Your teacher cannot help you
- You cannot use an assigned program or Practice PT for your project, but it can be similar
- Your classmates can help you
- You will be given 9 hours of class time to work on the project



AP CSP Create Performance Task

Create PT specific requirements:

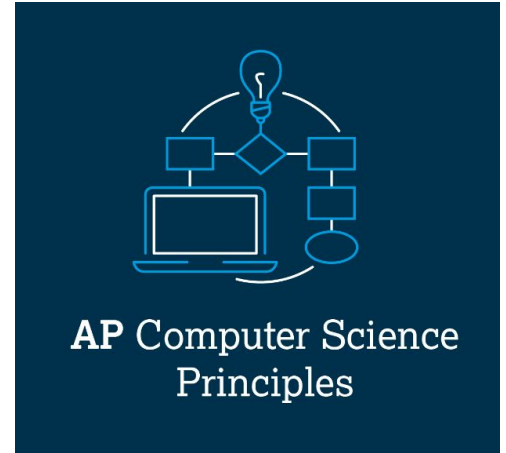
- Has input (button presses)
- Has output (screen, pixels, audio, etc.)
- Creates a list
- Uses a list in a meaningful way
- Has a function with a parameter
 - Parameter has an effect on the functionality of the procedure (Parameter used in if statement)
- Function has:
 - Selection (If statement)
 - Iteration (Loop)



AP CSP Create Performance Task

After you create your program, you will submit three things in the digital portfolio:

- PDF of your entire code
 - Can have comments
 - Include comments for attribution
- A video of your code working
 - Don't have to show everything
 - All code doesn't have to work
- Code segments (snippets) of specific parts of the code
 - Remove ALL comments
 - This is your PPR - personal project reference

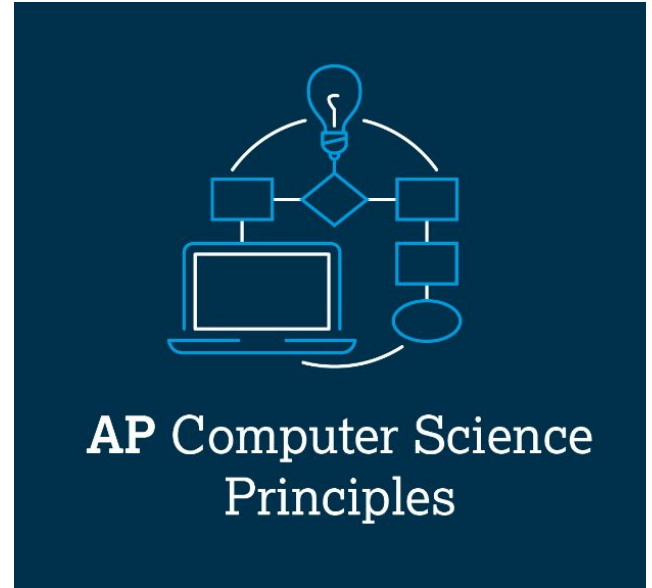


AP CSP Create Performance Task

For this lesson, you will focus on prepping your code:

- What to include in your code
- What NOT to include in your code

NOTE: This part **MUST** be completed individually, even if you work with a partner on the project.



Prepping your code

Create Performance Task submission

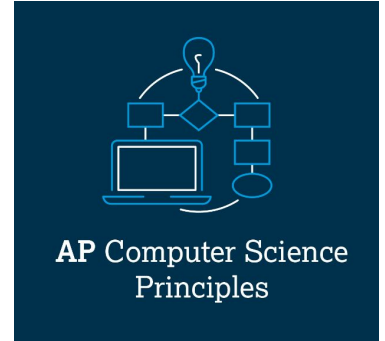


#1: PDF of your entire code

One thing you will submit in the digital portfolio is a PDF of the entire code.

Things to do:

- Include a comment section that lists each image or sound you used and where you got it
 - Give the URL of images or sounds from the Internet
 - If you create your own image, or took your own photos, or made your own sounds, you should state that as well – just say “original photo”
- Keep the font size at least 10 (or higher)

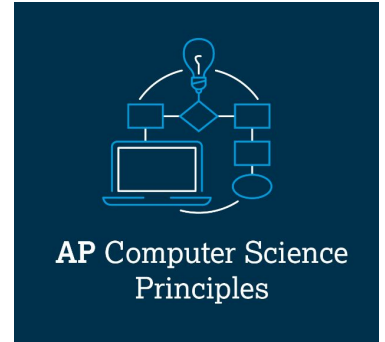


#1: PDF of your entire code

One thing you will submit in the digital portfolio is a PDF of the entire code.

Things to NOT do:

- Include your name anywhere in a comment
- Make the font size too small (less than 10)
- Double-space the code
 - Just download the program as a text file
 - Then open the text file in Chrome and download as a PDF

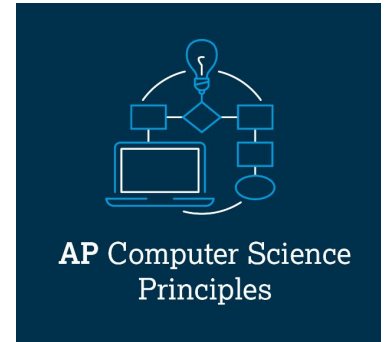


#2: Video of your code running

Another thing you will submit in the digital portfolio is a video of your code running.

Things to remember:

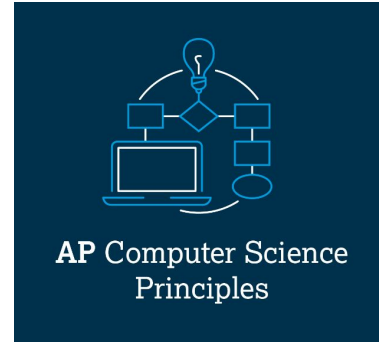
- You do not need to show everything
 - 10-20 seconds of video is fine
- You MUST show input and output
 - So don't start in the middle
 - Make sure you show buttons being pressed for input and something shown or heard for output



#2: Video of your code running

You can use anything to record the video.

- Use the camera on your cell phone
- Use a document camera
- Anyway you can record the CodeX is fine
- Do not talk during the recording
- Keep the video short – show input, the program working, and output
- If needed, edit the video with software
 - If you need to crop the beginning or end
 - DO NOT splice together parts – the video needs to be continuous



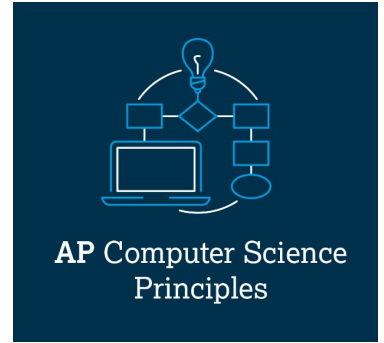
#2: Video of your code running

Video requirements:

Your video:

- must be either .mp4, .wmv, .avi, or .mov format
- must not exceed 1 minute in length; and
- must not exceed 30MB in file size.

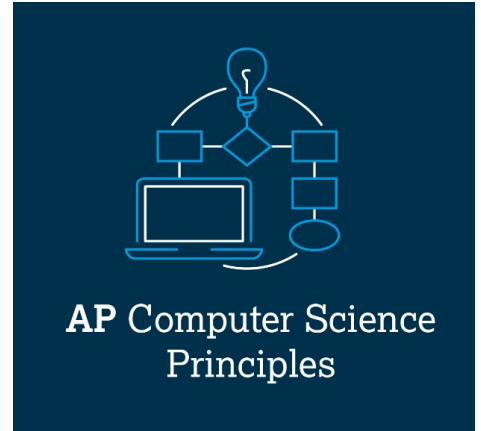
Final Note: if some part of your program isn't working the way you want, that is okay. Record a part that is working and shows input and output



#3: Personalized Project Reference (PPR)

Another thing you will submit in the digital portfolio is code segments for specific requirements. The code segments you upload will become your “Personalized Project Reference”

- The PPR (personalized project reference) will be printed for you on the day of the exam
- You will use the PPR to answer free-response questions as part of the exam



#3: Personalized Project Reference (PPR)

From the student handout:

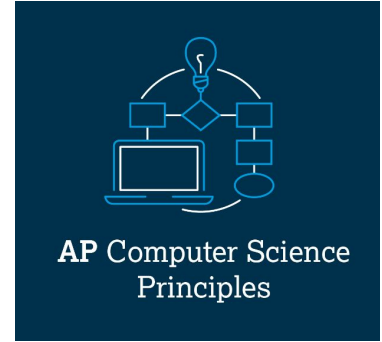
COMPONENT C: PERSONALIZED PROJECT REFERENCE (CREATED INDEPENDENTLY) To assist in responding to the written response prompts on exam day, submit required portions of your code by capturing and pasting program code segments you developed during the administration of this task. Screen captures should not be blurry, and text should be at least 10-point font size. Your code segments should not include any comments. These code segments will be made available to you on exam day only if this component is submitted as final in the AP Digital Portfolio by the deadline.



#3: PPR Code Segments

Things to do:

- For item1: Include the ENTIRE function, with parameter
 - You can do a snippet from CodeSpace
 - Or, you can do a snippet from the PDF of your code
 - Try to do one image for the entire function, but if your function code is really long, you can do two images – upload them both
 - If your function calls another function, include an image of the function as the second image uploaded (not the first!).
- For item2: Include the section of code that shows the function being called (and argument passed to parameter)
 - You can include the entire section around the function all for reference, but highlight the actual function call
- For item3: Include the entire list – show it being CREATED (storing data)
- For item4: include the section of code that shows the list being used

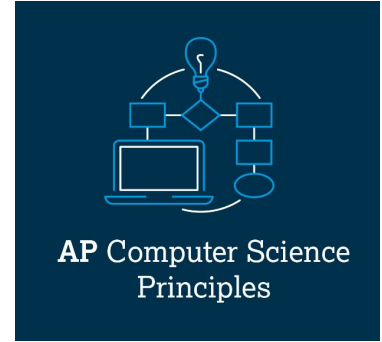


#3: PPR Code Segments

Things to do:

- Remove ALL comments
- Keep the font size at least 10
- Make sure the image is not blurry

Note: Your PPR will be printed for you on the day of the exam, and you will use it to answer free-response questions. You may want to include an entire function even though only a line or two of code is needed. Highlight the important line! But then you can remember what is happening in the code with the list and function.



Final Preparation: Digital Portfolio

All three things must be uploaded to the digital portfolio.

- Do you remember your user name?
- Do you remember your password?
- Can you access the digital portfolio?

Practice all these things before you begin!

- You will upload the three things
- After reviewing your submissions, you must click “FINAL SUBMIT” for your submissions to be accepted

