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| **AP CSP Python with CodeX**  **Functions with Parameters #2 Activity Guide** | | **Name:** |
| **Review: Functions** | | |
| Write three or more things you know about parameters and arguments. |  | |
| **Functions with Parameters #2 Examples** | | |
| Go through the slides for Example #3. Take notes as needed in the space provided. |  | |
| Go through the slides for Example #4. Take notes as needed in the space provided. |  | |
| Go through the slides for Example #5. Take notes as needed in the space provided. |  | |
| Go through the slides that review local variables. Take notes as needed in the space provided. |  | |
| Local variables. | Answer\_Bot program.   |  |  |  |  | | --- | --- | --- | --- | | Parameter | Data Type | Local Variable | Data Type | |  |  |  |  | |  |  |  |  | |  |  |  |  |   Write a possible function call for pixel\_colors(): | |
| Local variables. | Heart2\_functions program.   |  |  |  |  | | --- | --- | --- | --- | | Parameter | Data Type | Local Variable | Data Type | |  |  |  |  | |  |  |  |  | |  |  |  |  |   Write a possible function call for heart\_beat(): | |
| Local variables. | Display\_functions program.   |  |  |  |  | | --- | --- | --- | --- | | Parameter | Data Type | Local Variable | Data Type | |  |  |  |  | |  |  |  |  | |  |  |  |  |   Write a possible function call for play\_game(): | |
| **Check for Understanding:** | | |
| **Function #1:** | | Identify the parameters and local variables :   |  |  | | --- | --- | | Parameter | Data type | |  |  | |  |  | |  |  | | Local Variable | Data type | |  |  | |  |  |   Give a possible function all for the function: |
| **Function #2:** | | Identify the parameters and local variables :   |  |  | | --- | --- | | Parameter | Data type | |  |  | |  |  | |  |  | | Local Variable | Data type | |  |  | |  |  |   Give a possible function all for the function: |
| **Function #3:** | | Identify the parameters and local variables :   |  |  | | --- | --- | | Parameter | Data type | |  |  | |  |  | |  |  | | Local Variable | Data type | |  |  | |  |  |   Give a possible function all for the function: |
| **Function #4:** | | Identify the parameters and local variables :   |  |  | | --- | --- | | Parameter | Data type | |  |  | |  |  | |  |  | | Local Variable | Data type | |  |  | |  |  |   Give a possible function all for the function: |