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| **Computer Science 1** | **Output Exercises 08** | **Date:** |
| **Name:** | | **Period:** |

**Determine the output for each program that follows.**

**Print the exact output in the blank cell in the right column.**

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| **Program** | **Your Final Answer** |
| **#1**  **for k in range(3):**  **print("qwerty")** |  |
| **#2**  **for k in range(9):**  **print(k, end = " ")** |  |
| **#3**  **for k in range(6,14):**  **print(k, end = " ")** |  |
| **#4**  **for k in range(1,15,2):**  **print(k, end = " ")** |  |
| **#5**  **for k in range(1,16,2):**  **print(k, end = " ")** |  |
| **#6**  **for k in range(7,0,-1):**  **print(k, end = " ")** |  |
| **#7**  **for k in range(7,-1,-1):**  **print(k, end = " ")** |  |
| **#8**  **for k in range(25,151,25):**  **print(k, end = " ")** |  |
| **#9**  **for k in range(200,0,-40):**  **print(k, end = " ")** |  |

**The middle column is for any scratch work that may be necessary.**

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| **Program** | **Your Work** | **Your Final Answer** |
| **#10**  **k = 5**  **while k < 300:**  **print(k)**  **k \*= 4** |  |  |
| **#11**  **k = 5**  **while k < 300:**  **k \*= 4**  **print(k)** |  |  |
| **#12**  **k = 3125**  **while k > 1:**  **print(k)**  **k //= 5** |  |  |
| **#13**  **x = 10**  **y = 20**  **while x < y:**  **x = y + 4**  **y = x – 4**  **print(x)** |  |  |
| **#14**  **x = y = 0**  **while x <= 14:**  **y = x + 4**  **x = y + 3**  **print(y)** |  |  |
| **#15**  **x = y = 0**  **while x < 20:**  **x += 5**  **y = x \* 3**  **print(x,y)** |  |  |
| **#16**  **x = 10**  **y = 20**  **while x <= y:**  **x += 1**  **y -= 1**  **print(x,y)** |  |  |
| **#17**  **x = 10**  **y = 20**  **while x > y:**  **x += 1**  **y -= 1**  **print(x,y)** |  |  |
| **#18**  **x = y = z = 7**  **while z < x + y:**  **x += 1**  **y += 2**  **z += 5**  **print(x,y,z)** |  |  |
| **#19**  **for a in range(3):**  **for b in range(2):**  **print("Hello")** |  |  |
| **#20**  **for a in range(3):**  **for b in range(2):**  **print(a,b)** |  |  |
| **#21**  **for r in range(4):**  **for c in range(4):**  **print(r\*c, end = " ")**  **print()** |  |  |
| **#22**  **for q in range(201):**  **if q % 40 == 0:**  **print("Hello")** |  |  |