

| | | |
|---------------------------|----------------------------|----------------|
| Computer Science 1 | Output Exercises 13 | Date: |
| Name: | | Period: |

Determine the output for each program that follows.
Print the exact output in the blank cell next to the program.
If a program has some type of error, print *Error*.

| Program | Your Final Answer |
|---|--------------------------|
| #1 <code>list = [100,200,300,400,500]</code> <code>print (list[1])</code> | |
| #2 <code>list = [100,200,300,400,500]</code> <code>print (list[5])</code> | |
| #3 <code>list = [100,200,300,400,500]</code> <code>for k in range(5):</code> <code> print(list[k],end = " ")</code> | |
| #4 <code>list = [100,200,300,400,500]</code> <code>k = 1</code> <code>while k <= 5:</code> <code> print(list[k])</code> <code> k += 1</code> | |
| #5 <code>list = [100,200,300,400,500]</code> <code>print(list)</code> | |
| #6 <code>list = [0] * 8</code> <code>list[2] = 13</code> <code>print(list)</code> | |

| | |
|---|--|
| <pre>#7 list = [1] * 6 list[2] = list[4] = list[6] = 99 print(list)</pre> | |
| <pre>#8 list = [1] * 6 list[1] = list[3] = list[5] = 99 print(list)</pre> | |
| <pre>#9 list1 = [100,200,300,400,500,600] list2 = ["qwerty"] * 1000 print(len(list1)) print(len(list2))</pre> | |
| <pre>#10 list = [100,200,300,400,500,600] print(list[len(list)])</pre> | |
| <pre>#11 list = [100,200,300,400,500,600] print(list[len(list) - 1])</pre> | |
| <pre>#12 list = [100,200,300,400] for number in list: print (number, end = " ") print()</pre> | |
| <pre>#13 list = [100,200,300,400] for k in range(len(list)): list[k] /= 100 print(list)</pre> | |
| <pre>#14 list = [100,200,300,400] for number in list: number /= 100 print(list)</pre> | |

| | |
|--|--|
| <pre>#15 list = [3,1,4,1,5,9,2,6] print(list) list.sort()</pre> | |
| <pre>#16 list = [3,1,4,1,5,9,2,6] list.sort() print(list)</pre> | |
| <pre>#17 list = [3,1,4,1,5,9,2,6] list.sort() list.reverse() print(list)</pre> | |
| <pre>#18 list = [10,20,30,40,50] list.append(99) print(list)</pre> | |
| <pre>#19 list = [10,20,30,40,50] list.insert(2,99) print(list)</pre> | |
| <pre>#20 list = [10,20,30,40,50,30] list.remove(30) print(list)</pre> | |
| <pre>#21 list = [10,20,30,40,50,60] list.remove(70) print(list)</pre> | |
| <pre>#22 list = [10,20,30,40,50,60] del(list[3]) print(list)</pre> | |
| <pre>#23 list = [10,20,30,40,50,60] del(list[1:4]) print(list)</pre> | |

| | |
|--|--|
| <pre> #24 list = [11,99,22,88,33,77,44,66,55] list[1] = list[4] list[5] = list[8] list[8] = list[2] list[3] = list[0] print(list) </pre> | |
| <pre> #25 def swap(list,a,b): list[a] = list[b] list[b] = list[a] # MAIN list = [11,99,22,88,33,77,44,66,55] swap(list,1,4) swap(list,2,5) swap(list,3,6) print(list) </pre> | |
| <pre> #26 def swap(list,a,b): temp = list[a] list[a] = list[b] list[b] = temp # MAIN list = [11,99,22,88,33,77,44,66,55] swap(list,1,4) swap(list,2,5) swap(list,3,6) print(list) </pre> | |
| <pre> #27 list = [11,99,22,88,33,77,44,66,55] for k in range(20,70): if k in list: list.remove(k) print(list) </pre> | |