Write the output of the following codes:

|  |  |
| --- | --- |
|  | Output: |
| x="123"for i in x: print(i) | 123 |
| i=8while True: if (i%3==0): break print(“A”) | Infinite loop |
| i=9while True: if (i%3==0): break print(“A”) | No output |
| i=0while i<3: print(i) i=i+3else: print(0) | 0120 |
| i=0while i<3: print(i) i=i+1 print(0) | 001020 |
| i=2for x in range(i): i+=1 print(i) print(i) | 3344 |
| i=2for x in range(i): x+=1 print(x)print(x) | 122 |
| i=2for x in range(i): x+=1 print(x) print(x) | 1122 |
| i=100while i<57: print(i) i=i+5 | No output |
| i=100while i>57: print(i+1) i+=5 | Infinite loop |
| Write a code to print the following pattern |
| 11 11 1 11 1 1 11 1 1 1 1 | for i in range(1,6): for j in range(1,i+1): print(“1”,end=” “) print() |
| 11 21 2 31 2 3 41 2 3 4 5 | for i in range(1,6): for j in range(1,i+1): print(j ,end=” “) print() |
| 12 23 3 34 4 4 45 5 5 5 5 | for i in range(1,6): for j in range(1,i+1): print( i ,end=” “) print() |
| 54 43 3 32 2 2 21 1 1 1 1 | for i in range(5,0,-1): for j in range(5,i-1,-1): print( i ,end=” “) print() |
| 55 45 4 35 4 3 25 4 3 2 1 | for i in range(5,0,-1): for j in range(5,i-1,-1): print( j ,end=” “) print() |
| 12 33 4 54 5 6 75 6 7 8 9 | for i in range(1,6): for j in range(i,i+1): print( j ,end=” “) print() |
| 12 13 2 14 3 2 15 4 3 2 1 | for i in range(1,6): for j in range(i,0,-1): print( j ,end=” “) print() |
| \*\* \*\* \* \*\* \* \* \*\* \* \* \* \* | for i in range(1,6): for j in range(i,i+1): print( “\*” ,end=” “) print() |