1.Accept 3 numbers and print the second largest number

2. Accept three sides of triangle and check whether the triangle is possible or not. (triangle is possible only when sum of any two sides is greater than third side.

3.

What will the above code print if the variables i, j, and k have the following values?

(a) i = 3, j = 5, k = 7

(b) i = -2, j = -5, k = 9

(c) i = 8, j = 15, k = 12

(d) i = 13, j = 15, k = 13

(e) i = 3, j = 5, k = 17

(f) i = 25, j = 15, k = 17

```python
if i<j:
    if j < k:
        i = j
    else:
        j = k
else:
    if j>k:
        j = i
    else:
        i = k
print(i,j,k)
```

4.

Q4. Accept the electric units from user and calculate the bill according to the following rates.

First 100 Units   : Free

Next 200 Units   : Rs 2 per day.

Above 300 Units : Rs 5 per day.

if number of unit is 500 then total bill = 0 +400 + 1000 = 1400

5.

Q5. Accept the number of days from the user and calculate the charge for library according to following :

Till five days : Rs 2/day.

Six to ten days : Rs 3/day.

11 to 15 days : Rs 4/day

After 15 days : Rs 5/day

Q6. Accept the kilometers covered and calculate the bill according to the following criteria:

First 10 Km   Rs11/km

Next 90Km   Rs 10/km

After that   Rs9/km

Q7.

Evaluate the following statements:

- a=True
- b=True
- c=True
- d=True

```
1.   print(c)
2.   print(d)
3.   print(not a)
4.   print(not b )
5.   print(not c )
6.   print(not d)
7.   print(a and b )
8.   print(a or b )
9.   print(a and c)
10.  print(a or c )
11.   print(a and d )
12.  print(a or d)
13.  print(b and c )
14.  print(b or c )
15.  print(a and b or c)
16.  print(a or b and c )
17.  print(a and b and c)
18.  print(a or b or c )
19.  print(not a and b and c)
20.  print(not a or b or c )
21.  print(not (a and b and c))
22.  print(not (a or b or c) )
23.  print(not a and not b and not c)
24.  print(not a or not b or not c )
25.  print(not (not a or not b or not c))
```