NAME =M.ABDULLAH : ASSINGMENT NO 5

Question no 1:

Python mein *if* aur *elif* ka farq kya hai?

IF.

If phalli condition check karta ha or agar true ho jain to baki sab ko chor data ha .

ELIF.

Elif tab check hota ha jab **IF** false ho ja tab vo **ELIF** check karta ha.

Question no 2:

Kab while loop ka use for loop se zyada behtar hota hai?

While loop behtar hota hai jab condition ka end point fix na ho, jaise user se sahi input milne tak.

Question no 3:

Loops programming mein kyun zaroori hain?

Loops is liya zaroori ha kyun ka is ka zariya haman koi bi code ko dobara dobara likhna nai parta.

Question no 4:

Ek example do jahan nested if-else ka use hota hai.

Example: Exam Result Check.

```
marks = int(input("Marks likho: "))

if marks >= 33:

    if marks >= 80:

        print("A Grade")

    elif marks >= 60:

        print("B Grade")

    else:

        print("Pass")

else:

    print("Fail")
```

yahan phaly check ho rahay ha ka student pass ha ya fail phir grade diyan ja rahan han.

Question no 5:

Break aur continue ka use example ke saath samjhao.

Break: Loop ko beech me hi rok deta hai.

Example:

for num in range(1, 10):
   if num == 5:
     break
   print(num)

Output: 1 2 3 4

(5 par loop ruk gaya)

Continue: Current number skip karke agle par chala jata hai.

Example:

```
for num in range(1, 6):
    if num == 3:
        continue
    print(num)
```

Output: 1 2 4 5

(3 skip ho gaya, baaki numbers print hue)