10. Use conditional statements and different types of loops based on simple examples.

```
grade = None
                                                                       marks = 90
                                                                       if marks >= 95:
                                                                                grade = 'A+'
                                                                       elif marks >= 90:
                                                                                  grade = 'A'
                                                                      elif marks >= 80:
                                                                                         grade = 'B'
                                                                       elif marks >= 75:
                                                                                       grade = 'C'
                                                                       elif marks >= 65:
                                                                                          grade = 'D'
                                                                                grade = 'F'
                                                                      grade
                                                                       # while loop
                                                                       while i < 6:
                                                                               print(i)
                                                                                  if i == 3:
                                                                       fruits = ["apple", "cherry", "banana"]
                                                                       for x in fruits:
                                                                       print(x)
if x == "banana":

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```

```
# while loop
i = 1
while i < 6:
    print(i)
    if i == 3:
    | break
    i += 1

# for loop
fruits = ["apple", "cherry", "banana"]
for x in fruits:
    print(x)
    if x == "banana":
    | break

[56]

... apple
cherry
banana</pre>
```