Q1:

num1 = int(input("Enter 1 num: "))

if num1 % 3 == 0:

    print("Number is divisible by 3")

else:

    print("Number is not divisible by 3")

Q2:

num1 = int(input("Enter 1 num: "))

if num1 % 2 == 0:

    print("Number is even")

else:

    print("Number is odd")

Q3:

len = int(input("Enter len: "))

width = int(input("Enter width: "))

if len == width:

    print("It is a square")

else:

    print("It is not a square")

Q4:

marks = int(input("enter marks: "))

if marks > 80:

    print("Grade= A")

elif marks > 60 and marks < 80:

    print("Grade= B")

elif marks > 50 and marks < 60:

    print("Grade = C")

elif marks > 45 and marks < 50:

    print("Grade = D")

elif marks > 25 and marks < 45:

    print("Grade= E")

elif marks > 0 and marks < 25:

    print("Grade = F")

else:

    print("Invalid input")

Q5:

tot\_class = int(input("Enter no of classes held"))

class\_att = int(input("enter no of classes attended"))

percent = (class\_att / tot\_class) \* 100

print(f"Student Attendance is : {percent} ")

if percent < 75:

    print("Person is not allowed to sit in the exam")

elif percent > 75 and percent <= 100:

    print("Person is allowed to sit in the exam")

else:

    print("Invalid input")