**PROGRAM USING DECISION MAKING STATEMENTS**

**DATE: 30/12/22**

**EX:3a**

**Checking if the given number is odd or even**

**AIM:** To check if the given number is odd or even.

**CODE:**

n=int(input("Enter any number to be checked: "))

if(n%2==0):

print("Even number")

else:

print("Odd number")

**OUTPUT:**

Enter any number to be checked: 7

Odd number

**STUDENT GRADE ANALYSIS**

**DATE: 30/12/22**

**EX:3b**

**AIM:** To analyse the grade of students

**CODE:**

m1=int(input("Enter mark 1: "))

m2=int(input("Enter mark 2: "))

m3=int(input("Enter mark 3: "))

total=m1+m2+m3

avg=total/3

if(avg>90):

print("Grade O")

if(90>avg>=80):

print("Grade A+")

if(80>avg>=70):

print("Grade A")

if(70>avg>=60):

print("Grade B+")

if(60>avg>=50):

print("Grade B")

if(avg<50):

print("Grade U")

**OUTPUT:**

Enter mark 1: 78

Enter mark 2: 66

Enter mark 3: 90

Grade A

**Checking if a character is an alphabet, digit or a space**

**DATE:30/12/22**

**EX:3c**

**AIM**

To check if the entered character is an alphabet, digit or a space.

**CODE**

ch=input("Enter any character: ")

if((ch>='a' and ch<='z')or(ch>='A' and ch<='Z')):

print("Alphabet")

elif(ch>='0' and ch<='9'):

print("Digit")

else:

print("Special character")

**OUTPUT**

Enter any character: 6

Digit