Question

Take the input from the user and check if it is even positive, even negative, odd positive or odd negative (using nested if else)

Algorithm

Take input as a num.

Check

If num is greater than or equal to zero and divisible by 2, print positive even.

Else print positive odd.

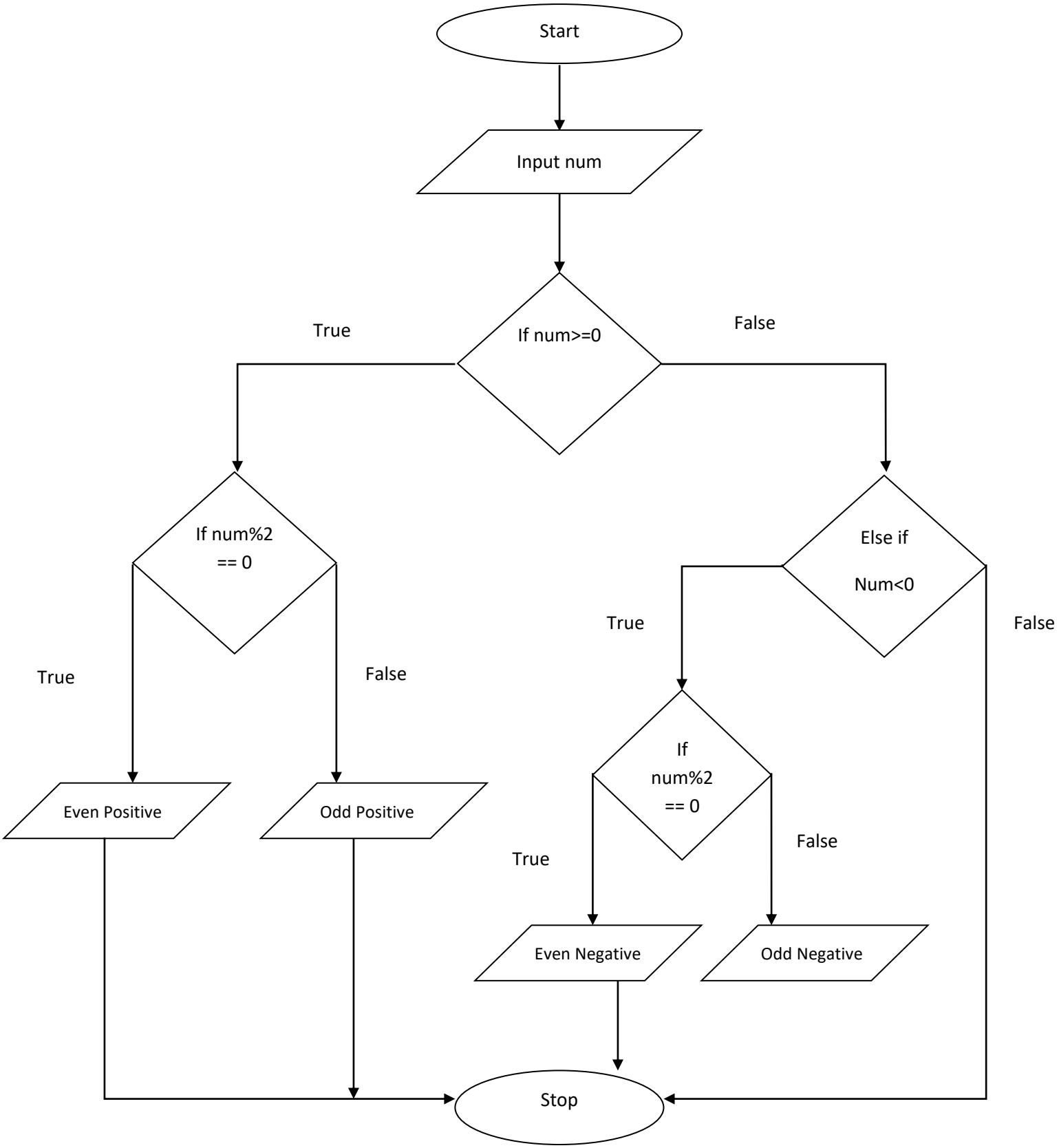
If num is less than zero and divisible by 2, print negative even.

Else print negative odd.

Pseudo Code

```
if (num >= 0)
{if (num % 2 == 0)
{print (“ even positive” );}
else
{ print (“ odd positive”);}
}
else if (num < 0)
{ if (num%2 == 0)
{print  (“ even negative”)}
else
{print (“ odd negative”)}
}
```

Flow Chart


Start
Input num
If num>=0
True
False
If num%2 == 0
True
False
Even Positive
Odd Positive
Else if Num<0
True
False
If num%2 == 0
True
False
Even Negative
Odd Negative
Stop

Question

Print the table of any number (using for loop)

Algorithm

Take input as num.

Introduce variable ‘a’ run it into loop from 1 to 10

Print

Num * (‘a’)

Pseudo code

```
Input num;

Int a;

For (a=1, a<=10 ,a=a+1)

        { print ( num*a);}
```

Flow Chart