

Assignment 17-jan-2022

Question

Take input from user and check if it is even positive, even negative, odd positive or odd negative

→ Algorithm

Take input as 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

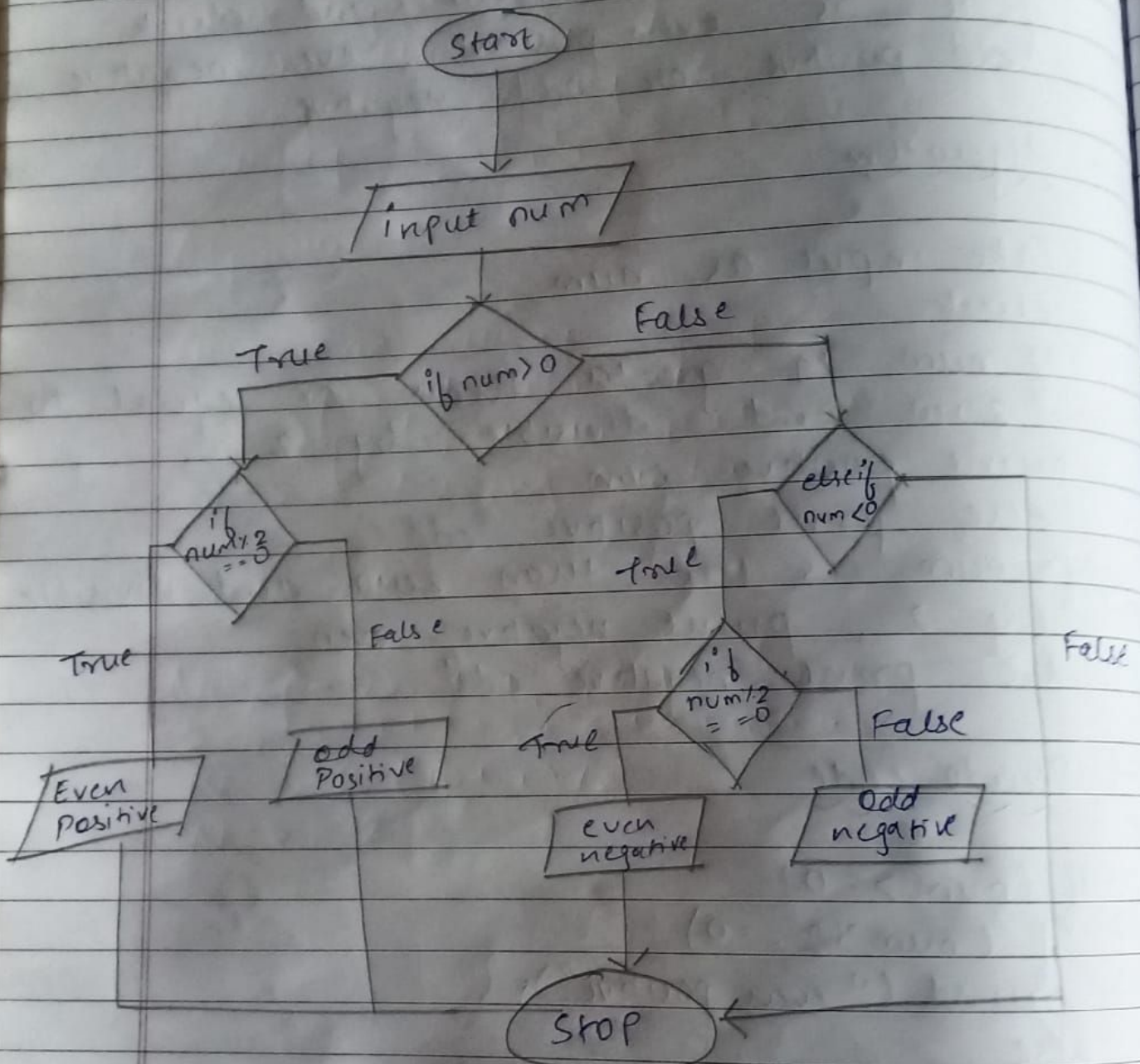
```

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")
}

Flowchart



Question

Print table of any number (using loop)

* Algorithm

Take input as num
introduce variable 'a' and run it into
loop from 1 to 10
Print
 $\text{Num} * ('a')$

* Pseudo code

```
Input num
int a;
for (a=1, a<=10, a=a+1)
{ print (num*a); }
```

* Flowchart

