




# PF Lab

## Activity #02

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23K - 2005



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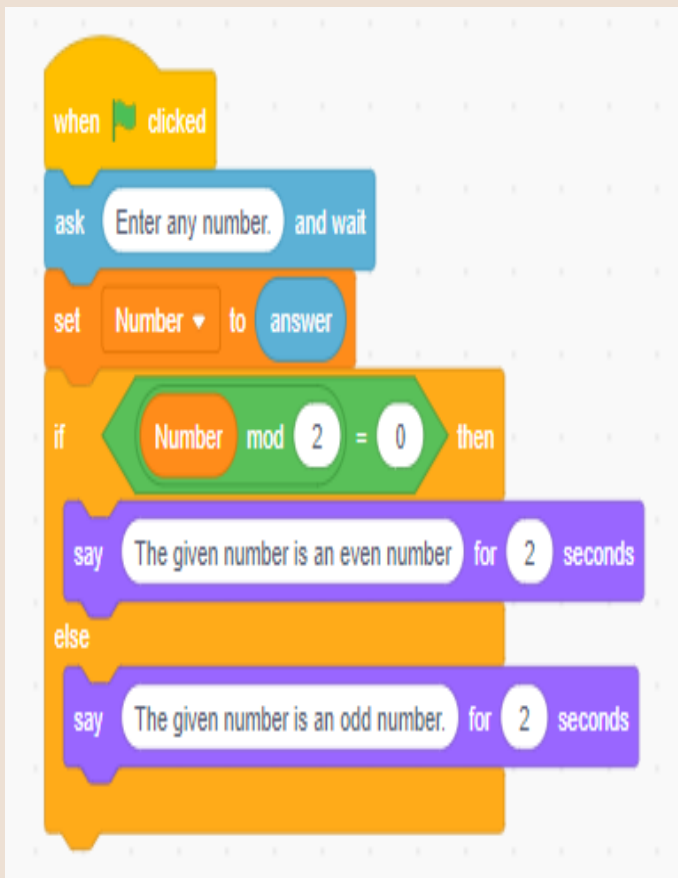


# Question #01

## Input, Processing and Output Chart

Input	Processing	Output
Number	Take modulus of the number	Declare the number either even or odd

## Scratch Design and Structure

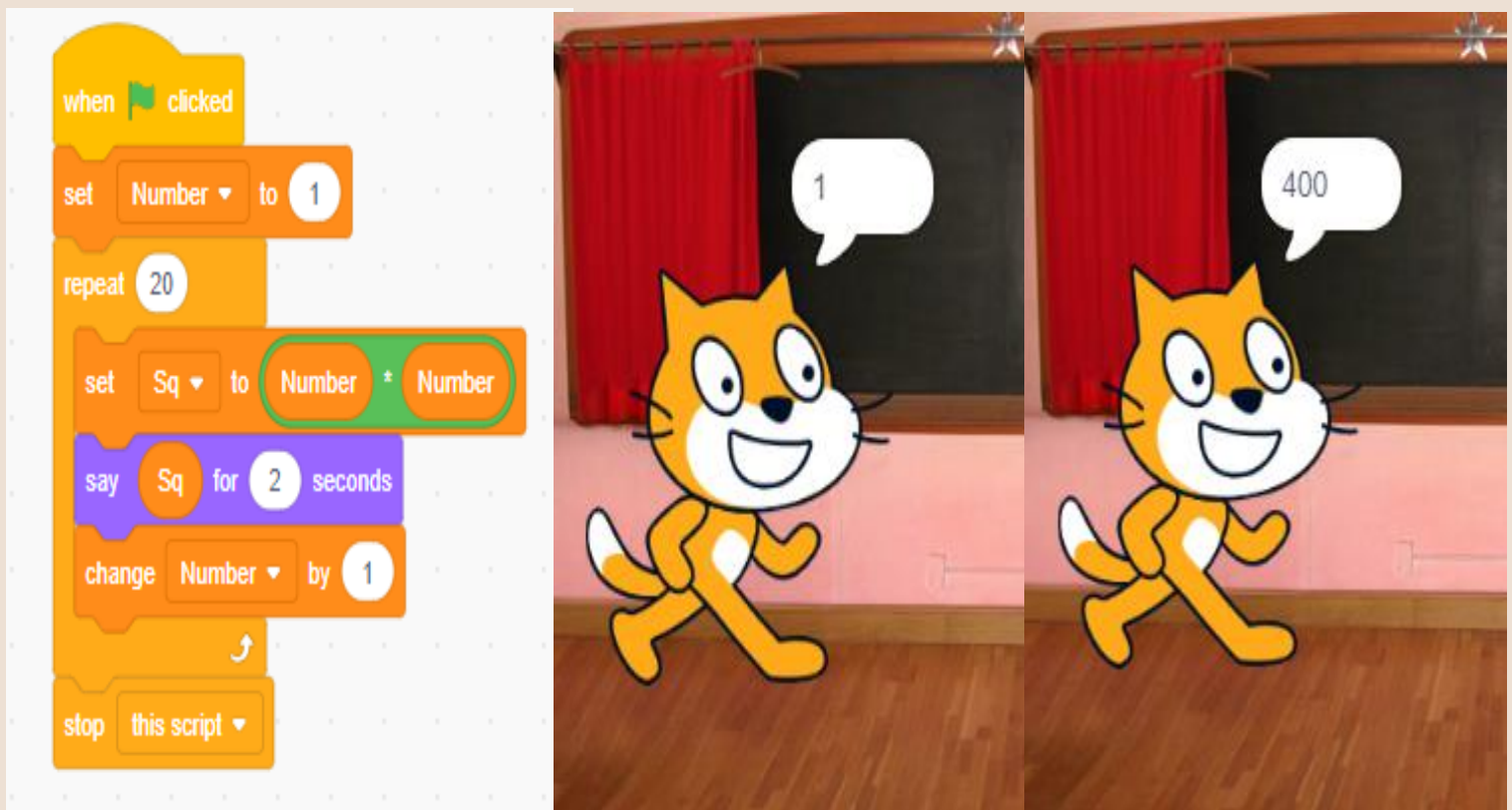


# Question #02

## Input, Processing and Output Chart

Input	Processing	Output
Number (Start from 1)	Square the first number Increment in the first number by 1 Square the new number Increment in the number that was squared lastly Repeat	Series

## Scratch Design and Structure

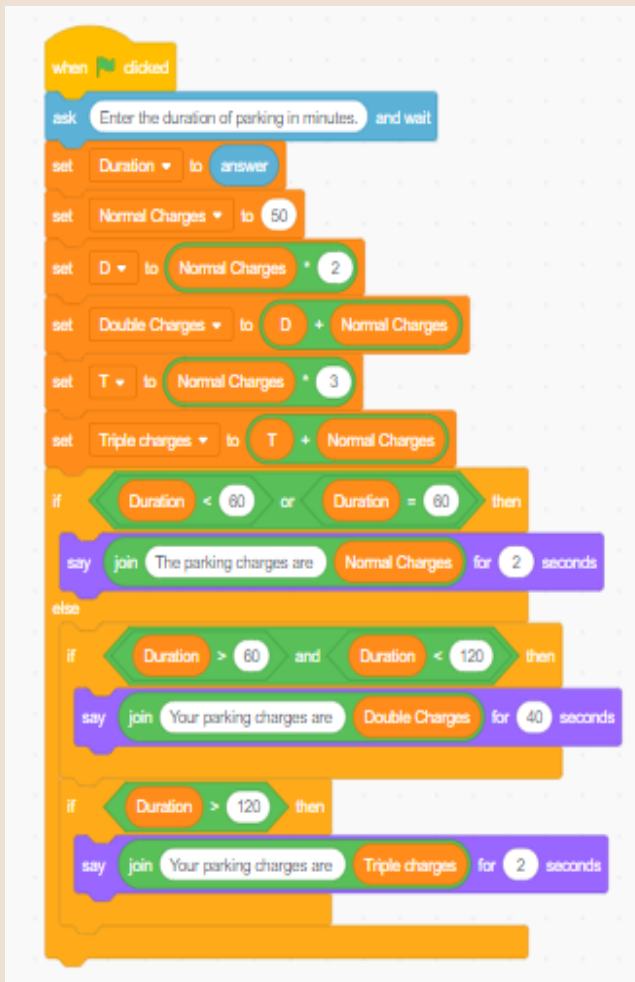


# Question #03

## Input, Processing and Output Chart

Input	Processing	Output
Normal charges (Given) Duration of stay (Input from user)	Take duration input Calculate normal, double and triple charges Use if else condition	Total charges according to the duration of stay

## Scratch Design and Structure

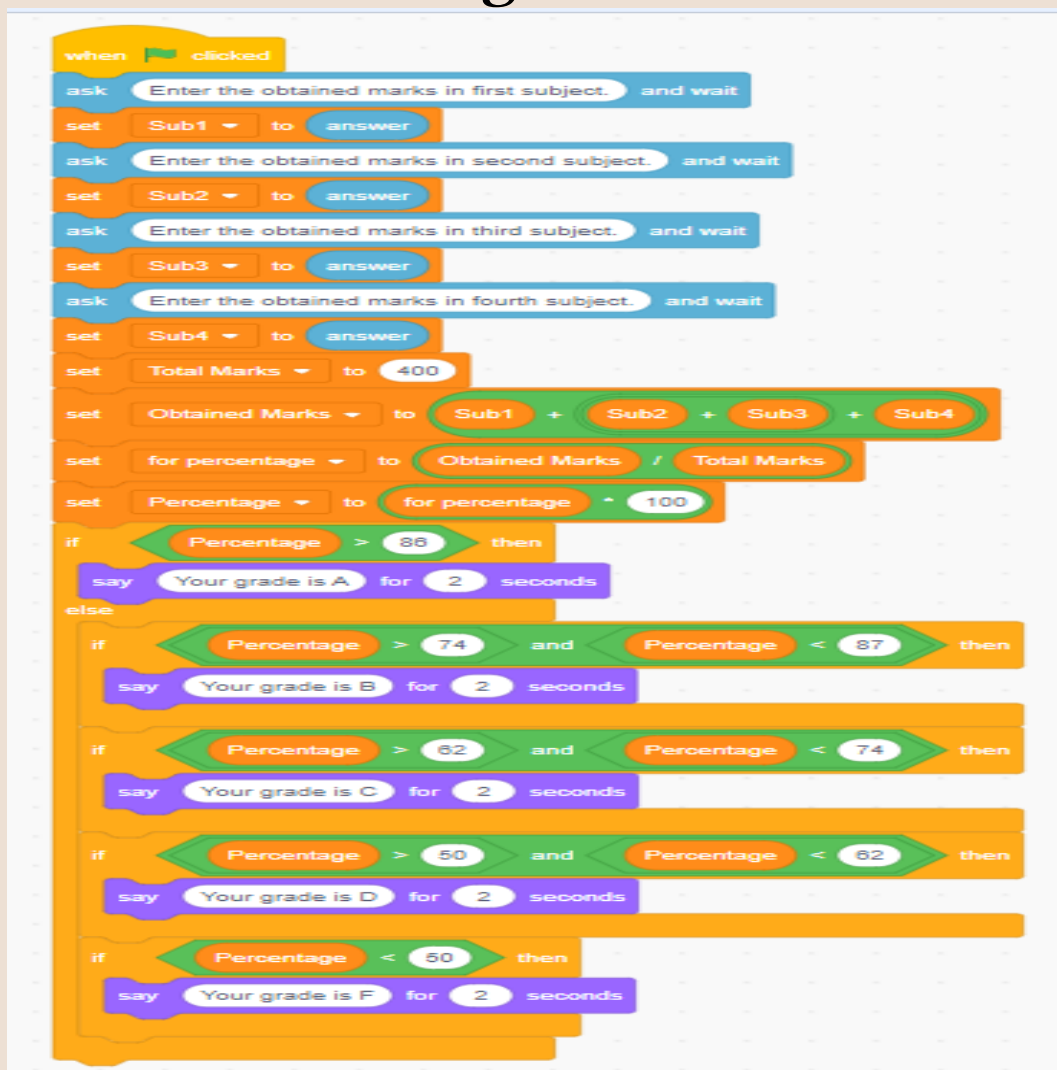


# Question #04

## Input, Processing and Output Chart

Input	Processing	Output
Obtained marks in the four subjects	Calculate obtained marks, total marks and percentage Apply if else condition Say	Grade

## Scratch Design and Structure





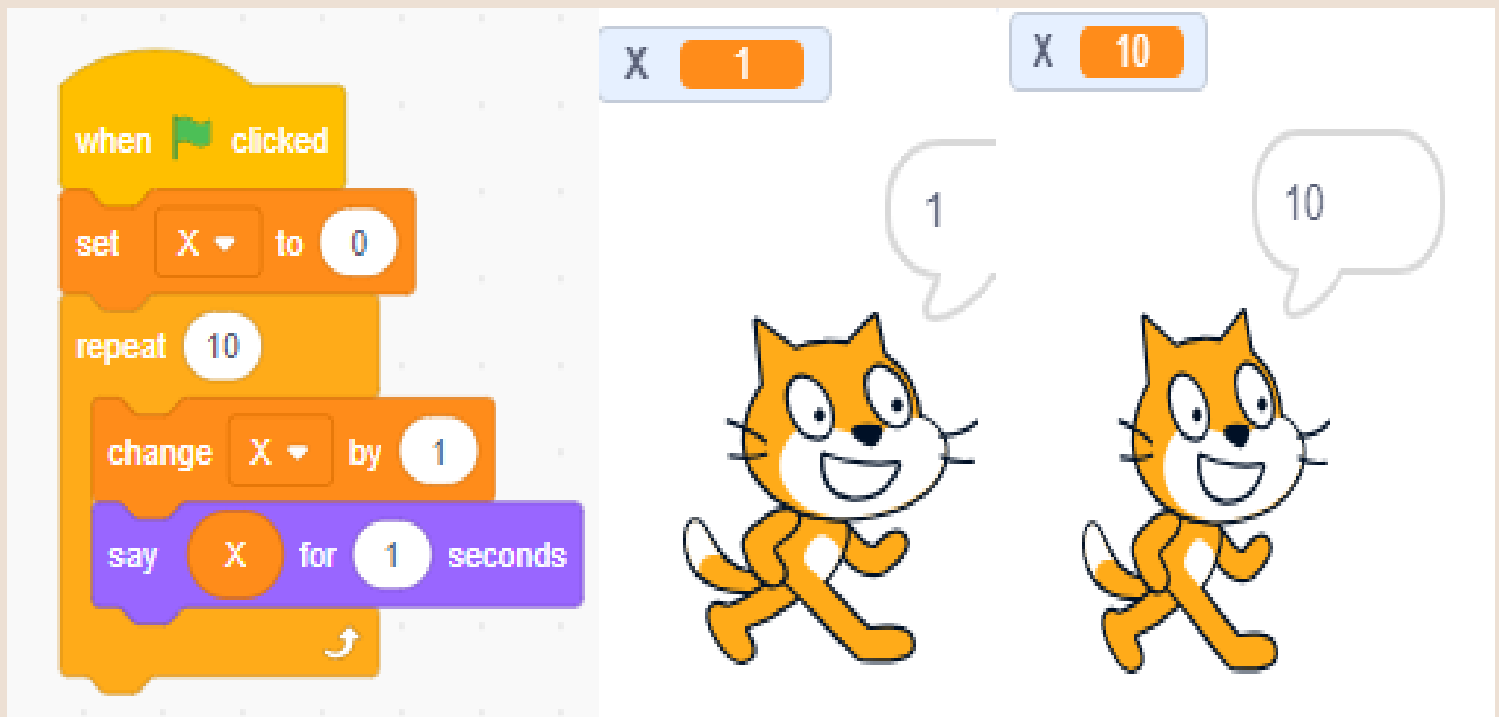


# Question #05

## Input, Processing and Output Chart

Input	Processing	Output
Click the flag	Print the value of X Increment in the value of X by 1 Say Repeat 10 times	Final value of X after ten increments

## Scratch Design and Structure



# Question #06

## Input, Processing and Output Chart

Input	Processing	Output
Temperature	Check whether the temperature is below, equal or greater than 15 and 40. Apply forever loop Apply if else condition	Sense of temperature (Low, Medium, High or show Error)

