# IF-ELSE STATEMENT

1. Write a python program to check whether you are eligible to vote or not?(above 18 years)
2. Write a python program that will check for the following conditions:

If the light is **green**– Car is allowed to go

If the light is **yellow**– Car has to wait

If the light is **red**– Car has to stop

1. Write a program to check student’s grades which should fulfill the following conditions:

Grade A – Outstanding

Grade B – Excellent

Grade C – Very Good

Grade D – Good

Grade E – Satisfactory

Others – Unrecognized

1. A student will not be allowed to sit in exam if his/her attendance is less than 75%.  
   Take following input from user  
   Number of classes held  
   Number of classes attended.  
   And print  
   percentage of class attended  
   is student is allowed to sit in exam or not.
2. Take values of length and breadth of a rectangle from user and check if it is square or not. Also calculate the area.
3. Check whether the given number is positive and divisible by 5 or not.
4. Check whether a given product is a fruit or a vegetable. The "fruits" are banana, apple, kiwi, cherry, lemon and grapes. The "vegetables" are tomato, cucumber, pepper and carrot. Everything else is "unknown".
5. Write a program that prints the day of the week depending on the given number (1 as Monday … 7 as Sunday) or "Error!" if invalid input is given.
6. Write a program that reads **two integers (n1 and n2)** and an **operator** that performs a particular Arithmetic operations with them.
7. A group of football fans decided to buy tickets for Euro Cup. The tickets are sold in two price categories:

* VIP – 499.99$.
* Normal – 249.99$.

The football fans have a shared budget, and the number of people in the group determines what percentage of the budget will be spent on transportation:

* 1 to 4 – 75% of the budget.
* 5 to 9 – 60% of the budget.
* 10 to 24 – 50% of the budget.
* 25 to 49 – 40% of the budget.
* 50 or more – 25% of the budget.

Write a program that calculates whether the money left in the budget will be enough for the football fans to buy tickets in the selected category, as well as how much money they will have left or be insufficient.