If-else Statement Assignment

Program 1:
Write a dart program to check if a number is even or odd.

> **Input**: var=10;
>
> **Output**: 10 is an even no
>
> **Input**: var=37;
>
> **Output**: 37 is an odd no

Program 2:
Write a dart program, take a number and print whether it is less than 10 or greater than 10.

> **Input**: var=5
>
> **Output**: 5 Is Less than 10.
>
> **Input**: var=16
>
> **Output**: 16 Is greater than 10.

Program 3 :
Write a dart program to determine if the user can cast a vote or not(a person with age above 18 can cast a vote)

> **Input:** age=18
>
> **Output:** You can cast a vote
>
> **Input :** age=14
>
> **Output**: You can't cast a vote.

Program 4 :

Write a dart program, take a number and print whether it is positive or negative.

> **Input**: var=5
>
> **Output**: 5 is a positive number
>
> **Input**: var=-9
>
> **Output**: -9 is a negative number

Program 5 :
Write a dart program to check if a character is a vowel or consonant.

> **Input**: var="A";
>
> **Output**: A is a vowel.
>
> **Input**: var="D";
>
> **Output**: D is a consonant.

Program 6 :
Write a dart program that takes a number from 0 to 5 and prints its spelling, if the number is greater than 5 print entered number is greater than 5

Input : var4= 4
Output : four

Program 7 :

Write a dart program, in which according to month no print the no. of days in that month

Input : month = 7
Output : July has 31 days

Input : month = 13
Output : Invalid month

Program 8 :
Write a dart program to check whether the number is divisible by 3 & 5 i.e
    If the number is divisible by both 3 and 5 : o/p "Divisible by both"
    If number is only divisible by 3 : o/p "Divisible by 3"
    If number is only divisible by 5 : o/p "Divisible by 5"
    If neither divisible by 3 nor 5 then : o/p ""Not divisible by 3 or 5"

        Input: x=15
        Output: Divisible by both

        Input: x=9
        Output: Divisible by 3

Program 9 :
Create a dart program to calculate the ticket price for the upcoming Cricket World Cup
        1. **For Upper Stand ticket (represented by 1)   price is 2000**
        2. **For Middel Stand ticket (represented by 2)   price is 3000**

3. **For Lower Stand ticket (represented by 3) price is 7000**
4. **All other tickets for 2500**

   Input: x=1
   Output: Please pay 2000 rupees.

   Input: x=6
   Output: Please pay 2500 rupees

Program 10 :
Write a dart program to calculate electricity bill of a house based on following criteria

   For first 90 units: No charge
   90 to 180 units: 6 rupees per unit
   180 to 250 units: 10 rupees per unit
   Above 250 units : 15 rupees per unit

   Input: 90
   Output: 540

   Input:120
   Output:720