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 7000 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