1. Write a program that asks the user for a student’s name and 3 subject marks (out of 100), then calculates the average and displays the grade based on the following:

* Average ≥ 90: Grade A
* Average ≥ 75 and < 90: Grade B
* Average ≥ 50 and < 75: Grade C
* Average < 50: Grade F  
  Ask the user if they want to enter another student's details.

**Sample Output**

**Enter your name**

**Anjali**

**Enter mark1**

**78**

**Enter mark2**

**82**

**Enter mark3**

**69**

**Average is:76.33333333333333**

**Grade is: B**

**Do you want to enter another student? (y/n):**

**y**

**Enter your name**

**Ramesh**

**Enter mark1**

**45**

**Enter mark2**

**38**

**Enter mark3**

**49**

**Average is:44**

**Grade is: F**

**Do you want to enter another student? (y/n):**

**n**

**Press any key to continue . . .**

1. Write a program to accept a number from the user and check whether the number is:

* **Even or Odd**
* **Prime or Not Prime**

After displaying both results, ask the user whether they want to check another number.

**Sample Output**

**Enter a number**

**13**

**The number is Odd**

**The number is Prime**

**Do you want to check another number? (y/n):**

**y**

**Enter a number**

**20**

**The number is Even**

**The number is Not Prime**

**Do you want to check another number? (y/n):**

**n**

**Press any key to continue . . .**