**Test Cases**

Java

import java.util.\*;

public class Main {

public static void main(String[] args) {

Scanner scan = new Scanner(System.in);

;

int day = scan.nextInt();

switch (day) {

case 1:

System.out.println("Monday");

break;

case 2:

System.out.println("Tuesday");

break;

case 3:

System.out.println("Wednesday");

break;

case 4:

System.out.println("Thursday");

break;

case 5:

System.out.println("Friday");

break;

case 6:

System.out.println("Saturday");

break;

case 7:

System.out.println("Sunday");

break;

}

}

}

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Python

num =int(input())

# To take input from the user

#num = int(input("Enter a number: "))

# define a flag variable

flag = False

# prime numbers are greater than 1

if num > 1:

# check for factors

for i in range(2, num):

if (num % i) == 0:

# if factor is found, set flag to True

flag = True

# break out of loop

break

# check if flag is True

if flag:

print(num, "is not a prime number")

else:

print(num, "is a prime number")

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C++

#include <iostream>

using namespace std;

int main()

{

int rows;

cout << "Enter number of rows: ";

cin >> rows;

for(int i = 1; i <= rows; ++i)

{

for(int j = 1; j <= i; ++j)

{

cout << "\*";

}

cout << "\n";

}

return 0;

}

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c:

// SD of a population

#include <math.h>

#include <stdio.h>

float calculateSD(float data[]);

int main() {

int i;

float data[10];

printf("Enter 10 elements: ");

for (i = 0; i < 10; ++i)

scanf("%f", &data[i]);

printf("\nStandard Deviation = %.6f", calculateSD(data));

return 0;

}

float calculateSD(float data[]) {

float sum = 0.0, mean, SD = 0.0;

int i;

for (i = 0; i < 10; ++i) {

sum += data[i];

}

mean = sum / 10;

for (i = 0; i < 10; ++i) {

SD += pow(data[i] - mean, 2);

}

return sqrt(SD / 10);

}

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Swift:

// define a class

class Bicycle {

// define two properties

var name = ""

var gears = 0

}

// create instance of Person

var bike1 = Bicycle()

// access properties and assign new values

bike1.gears = 11

bike1.name = "Mountain Bike"

print("Name: \(bike1.name), Gears: \( bike1.gears) ")

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**Manual for Installation**

**(Website is hosting locally)**

* Install VSCode. Link: <https://code.visualstudio.com/download>
* Download Node.js. Link: <https://nodejs.org/en/download/>
* Download zip file for source code of project.
* Open project, in terminal, type the following

1. npm init, enter for all the option but the entry should be server.js
2. npm install save express ejs body-parser nodemon
3. npm install save mongoose
4. npm start
5. open chome/firefox/safari/EDGE
6. Type: <http://localhost:3000/>
7. Welcome to All IN ONE IDE.

* If you find any error during installation, email me @ [mkund01@jaguar.tamu.edu](mailto:mkund01@jaguar.tamu.edu).
* Most common errors are with node, make sure that in system environment path like

your local address to node/bin, your local address to node /cmd added

* Restart after setting up.