Flow control (8-17)

8 . import java.util.Scanner;

public class Main

{

public static void main(String[] args) {

Scanner sc=new Scanner(System.in);

String ch=sc.nextLine();

switch(ch){

case "R":

System.out.println("Red");

break;

case "B":

System.out.println("Blue");

break;

case "G":

System.out.println("Green");

break;

case "O":

System.out.println("Orange");

break;

case "Y":

System.out.println("Yellow");

break;

case "W":

System.out.println("White");

break;

default:

System.out.println("Invalid Code");

}

}

}

9.

public class Main

{

public static void main(String[] args) {

if(args.length==0){

System.out.println("Please enter the month in numbers");

}

else{

switch(ch){

case "1":

System.out.println("January");

break;

case "2":

System.out.println("February");

break;

case "3":

System.out.println("March");

break;

case "4":

System.out.println("April");

break;

case "5":

System.out.println("May");

break;

case "6":

System.out.println("June");

break;

case "7":

System.out.println("July");

break;

case "8":

System.out.println("August");

break;

case "9":

System.out.println("September");

break;

case "10":

System.out.println("October");

break;

case "11":

System.out.println("November");

break;

case "12":

System.out.println("December");

break;

default:

System.out.println("Invalid Month");

}

}

}

}

10.

public class Main

{

public static void main(String[] args) {

for(int i=1;i<=10;i++){

System.out.print(i+"\t");

}

}

}

11.

public class Main

{

public static void main(String[] args) {

for(int i=23;i<=57;i++){

System.out.println(i);

}

}

}

12.

import java.util.Scanner;

public class Main

{

public static void main(String[] args) {

Scanner sc=new Scanner(System.in);

int i=sc.nextInt();

int c=0;

if(i%2==0){

System.out.println("Not a Prime");

}

else{

for(int j=3;j<i;j++){

if(i%j==0){

c++;

break;

}

}

if(c==0){

System.out.println("Prime");

}

else{

System.out.println("Not a prime");

}

}

}

}

13.

import java.util.Scanner;

public class Main

{

public static void main(String[] args) {

Scanner sc=new Scanner(System.in);

int c=0;

for(int i=10;i<99;i++){

if(i%2==0){

continue;

}

else{

for(int j=3;j<i;j++){

if(i%j==0){

c++;

break;

}

}

if(c==0)

System.out.println(i);

}

}

}

}

14.

import java.util.Scanner;

public class Main

{

public static void main(String[] args) {

Scanner sc=new Scanner(System.in);

int num=sc.nextInt();

int sum=0;

for(;;){

if(num<=0)

break;

sum=sum+(num%10);

num=num/10;

}

System.out.println(sum);

}

}

15.

import java.util.Scanner;

public class Main

{

public static void main(String[] args) {

if (args.length==0){

System.out.println("Please Enter an Integer Number");

}

else{

int v= Integer.parseInt(args[0]);

for(int i=0;i<v;i++){

for(int j=0;j<=i;j++){

System.out.print("\* ");

}

System.out.print("\n");

}

}

}

}

16.

import java.util.Scanner;

public class Main

{

public static void main(String[] args) {

Scanner sc=new Scanner(System.in);

int num=sc.nextInt();

int new\_num=0;

for(;;){

if(num<=0)

break;

new\_num=(new\_num\*10)+(num%10);

num=num/10;

}

System.out.println(new\_num);

}

}

17.

import java.util.Scanner;

public class Main

{

public static void main(String[] args) {

Scanner sc=new Scanner(System.in);

int num=sc.nextInt();

int ch=num;

int new\_num=0;

for(;;){

if(num<=0)

break;

new\_num=(new\_num\*10)+(num%10);

num=num/10;

}

if(ch==new\_num)

System.out.println("Palindrome");

else

System.out.println("Not a Palindrome");

}

}