Axis code Assignment(Ashish)

1. Program to check given integer is Odd or Even.

**package** begain;

**import** java.util.\*;

**public** **class** Even\_Odd {

**public** **static** **void** main(String args[]) {

Scanner sc = **new** Scanner(System.***in***);

System.***out***.println("please enter your number to check value is Even or Odd:");

**int** value = sc.nextInt();

**if**(value%2==0) {

System.***out***.println("Given Number is Even");

}**else**

System.***out***.println("Given number is Odd");

}

}

1. Program to check given integer is positive or negative.

**package** begain;

**import** java.util.\*;

**public** **class** Positive\_Negative {

**public** **static** **void** main(String args[]) {

Scanner sc = **new** Scanner(System.***in***);

System.***out***.println("Enter your number to check Positve or Negative");

**int** num = sc.nextInt();

**if**(num>0) {

System.***out***.println("Given number is Positive");

}**else**

System.***out***.println("Given number is Negative");

}

}

1. Program to check number is divisible by n or not.

**package** begain;

**import** java.util.Scanner;

**public** **class** Division {

**public** **static** **void** main(String args[]) {

Scanner sc = **new** Scanner(System.***in***);

System.***out***.println("Enter your number to check Divisiblety: ");

**int** div = sc.nextInt();

System.***out***.println("In which number your wants to divide");

**int** n = sc.nextInt();

**if**(div%n==0) {

System.***out***.println("Divisible");

}**else**{

System.***out***.println("Not divisible");

}

}

}

1. Program to swap to integer M and N swap there values.

**package** begain;

**import** java.util.\*;

**public** **class** Swap {

**public** **static** **void** main(String args[]) {

Scanner sc = **new** Scanner(System.***in***);

System.***out***.println("Enter First value :");

**int** a = sc.nextInt();

System.***out***.println("Enter second value");

**int** b = sc.nextInt();

**int** temp = a;

a = b;

b = temp;

System.***out***.println("Before swaping the value \n" + b +"\n" + a + "\n "+"="+ "after swaping the value " +a+ "\n" + b );

}

}

1. Program to accept two Integer to check if they are equal or not.

**package** begain;

**import** java.util.\*;

**public** **class** Equal {

**public** **static** **void** main(String args[]) {

Scanner sc = **new** Scanner(System.***in***);

System.***out***.println("Enter your First number:");

**int** a = sc.nextInt();

System.***out***.println("Enter you second number:");

**int** b = sc.nextInt();

**if**(a!=b) {

System.***out***.println("Given number is not equal");

}**else**

System.***out***.println("Given number is equal");

}

}

1. Program to find biggest of three number.

**package** begain;

**import** java.util.Scanner;

**public** **class** Greatest {

**public** **static** **void** main(String args[]) {

Scanner sc = **new** Scanner(System.***in***);

System.***out***.println("Enter your First number: ");

**int** a = sc.nextInt();

System.***out***.println("Enter your Second number: ");

**int** b = sc.nextInt();

System.***out***.println("Enter your third number: ");

**int** c = sc.nextInt();

**if**(a>b && a>c) {

System.***out***.println("First number is greatest");

}**else** **if**(b>a && b>c){

System.***out***.println("Second number is greatest");

}**else** **if**(c>a && c>b) {

System.***out***.println("Third number is Greatest");

}**else** {

System.***out***.println("Invalid Entry");

}

}

}

1. Program to find given year is leap or not.

**package** begain;

**import** java.util.\*;

**public** **class** Leapyear {

**public** **static** **void** main(String args[]) {

Scanner sc = **new** Scanner(System.***in***);

System.***out***.println("Enter your Year");

**int** year = sc.nextInt();

**if**(year %4 == 0) {

System.***out***.println(year + " This is Leap Year");

}

**else** {

System.***out***.println("Not a leap year: " + year);

}

}

}

1. Program to extract last two digit number.

**package** begain;

**import** java.util.\*;

**public** **class** Lasttwo {

**public** **static** **void** main(String args[]) {

Scanner sc = **new** Scanner(System.***in***);

System.***out***.println("Enter your number:");

**try** {

**int** a = sc.nextInt();

System.***out***.println("Your last two digit number is: " + a%100);

}

**catch**(Exception e) {

System.***out***.println("Something wrong try to give integer value:" + e);

}

}

}

1. Program to Display the ATM transaction.

**package** begain;

**import** java.util.Scanner;

**public** **class** ATM\_Transaction {

**public** **static** **void** main(String args[] ) {

**int** balance = 5000, withdraw, deposit;

Scanner s = **new** Scanner(System.***in***);

**while**(**true**)

{

System.***out***.println("Automated Teller Machine");

System.***out***.println("Choose 1 for Withdraw");

System.***out***.println("Choose 2 for Deposit");

System.***out***.println("Choose 3 for Check Balance");

System.***out***.println("Choose 4 for EXIT");

System.***out***.print("Choose the operation you want to perform:");

**int** n = s.nextInt();

**switch**(n)

{

**case** 1:

System.***out***.print("Enter money to be withdrawn:");

withdraw = s.nextInt();

**if**(balance >= withdraw)

{

balance = balance - withdraw;

System.***out***.println("Please collect your money");

}

**else**

{

System.***out***.println("Insufficient Balance");

}

System.***out***.println("");

**break**;

**case** 2:

System.***out***.print("Enter money to be deposited:");

deposit = s.nextInt();

balance = balance + deposit;

System.***out***.println("Your Money has been successfully depsited");

System.***out***.println("");

**break**;

**case** 3:

System.***out***.println("Balance : "+balance);

System.***out***.println("");

**break**;

**case** 4:

System.*exit*(0);

}

}

}

}