Task 8

Task\_1

**package** com.task8;

**import** java.util.Scanner;

**public** **class** Task1 {

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

**int** a;

**int** b;

**int** c;

**int** d;

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

System.***out***.println("Enter the value for a");

a =sc.nextInt();

System.***out***.println("Enter the value for b");

b =sc.nextInt();

System.***out***.println("Enter the value for c");

c =sc.nextInt();

System.***out***.println("Enter the value for d");

d =sc.nextInt();

System.***out***.println(a+b);

System.***out***.println(c+d);

**if**(a+b>c+d) {

System.***out***.println("a+b is greater");

}**else** {

System.***out***.println("c+d is greater");

}

}

}

Task\_2

**package** com.task8;

**import** java.util.Scanner;

**public** **class** Task2 {

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

**int** a;

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

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

a =sc.nextInt();

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

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

System.***out***.println("a is even number");

}**else** {

System.***out***.println("a is odd number");

}

}

}

Task\_3

**package** com.task8;

**import** java.util.Scanner;

**public** **class** Task3 {

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

**char** a;

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

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

**for**(**char** c='A'; c<='Z'; c++) {

System.***out***.print(c + " ");

}

}

}

Task\_4

**package** com.task8;

**import** java.util.Scanner;

**public** **class** Task4 {

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

**int** a;

**int** b;

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

System.***out***.println("Enter the value for a");

a = sc.nextInt();

System.***out***.println("Enter the value for b");

b = sc.nextInt();

System.***out***.println("Before swapping a "+a);

System.***out***.println("Before swapping b "+b);

**int** swap = a;

a=b;

b=swap;

System.***out***.println("After swapping a "+a);

System.***out***.println("After swapping b "+b);

}

}

Task\_5

**package** com.task8;

**import** java.util.Scanner;

**public** **class** Task5 {

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

**int** a;

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

System.***out***.println("Enter the number");

a=sc.nextInt();

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

System.***out***.println(" prime number:" +a);

}**else** {

System.***out***.println(" Not prime number:" +a);

}

}

}

Task\_6

**package** com.task8;

**import** java.util.Scanner;

**public** **class** Task6 {

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

**int** a;

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

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

a = sc.nextInt();

**int** fact = 1;

**for**(**int** i=1; i<=a; i++){

fact = fact\*i;

}

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

}

}

Task\_7

**package** com.task8;

**import** java.util.Scanner;

**public** **class** Task7 {

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

String a;

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

System.***out***.println("Enter the name");

a = sc.nextLine();

System.***out***.println(a.length());

}

}

Task\_8

**package** com.task8;

**import** java.util.Scanner;

**public** **class** Task8 {

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

String a;

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

System.***out***.println("Enter the name");

a=sc.nextLine();

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

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

}

}

}

Task\_9

**package** com.task8;

**import** java.util.Scanner;

**public** **class** Task9 {

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

**int** a;

**int** b;

**int** age;

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

System.***out***.println("Enter the 1st value" );

a = sc.nextInt();

System.***out***.println("Enter the 2nd value" );

b = sc.nextInt();

System.***out***.println("Enter the 3rd value" );

age = sc.nextInt();

**if**(a>=age&&b<=age) {

System.***out***.println("The person is senior citizen");

}**else** {

System.***out***.println("The person is not senior citizen");

}

}

}

Task\_10

**package** com.task8;

**import** java.util.Scanner;

**public** **class** Task10 {

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

**int** a;

**int** count=0;

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

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

a=sc.nextInt();

**while**(a>0) {

count++;

a=a/10;

}

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

}

}