You tube codes

Code 1:

```java
import java.util.Arrays;
public class aray {


    public static void main(String[] args) {
            // TODO Auto-generated method stub
        int[] marks=new int[5];
        marks[0]=97;
        marks[1]=98;
        marks[2]=95;
        marks[3]=96;
        marks[4]=99;
        //System.out.println(marks.length);
        System.out.println(marks[0]);
        Arrays.sort(marks);
        System.out.println(marks[0]);
        }

}
```

Code 2:

```java
import java.util.Arrays;
public class array {


    public static void main(String[] args) {
            // TODO Auto-generated method stub
        int [] num= {10,20,50,15,15};
```

```java
        int sum=0;

        System.out.println("The Array is : "+Arrays.toString(num));

        for (int elements: num) {

                sum=sum+elements;


        }

        System.out.println("sum of all the elements in the Array : "+sum);

        }


        }
```

Code 3:

```java
public class basha {


        public static void main(String[] args) {

                // TODO Auto-generated method stub
        int numb=1;
        System.out.println(--numb);
        System.out.println(numb);



        }


}
```

Code 4:

```java
package basic;
```

```java
import java.util.Scanner;

public class bfg {
    public static void main(String[] args) {
        Scanner scanner = new Scanner(System.in);
        System.out.println("Enter the number of strings: ");
        int n = scanner.nextInt();
        scanner.nextLine(); //Consume the new line character
        String[] stringArray = new String[n];
        System.out.println("Enter" + n + "Strings:");
        for (int i = 0; i < n; i++) {

            stringArray[i] = scanner.nextLine();
        }
        bubbleSort(stringArray);
        scanner.close();
    }

    public static void bubbleSort(String[] stringArray) {

//      sorting the string array using bubble sort

        int n=stringArray.length;
        for(int i=0; i<n-1; i++) {
            for(int j=0; j<n-i; j++) {
                if(stringArray[j].compareTo(stringArray[j+1])>0) {
//                  Swap stringArray[j]i &stringArray[j+1]
                    String temp=stringArray[j];
                    stringArray[j]=stringArray[j+1];
```

```java
                        stringArray[j+1]=temp;
                    }
                }
            }
        System.out.println("Sorted String array:");
        for(String x:stringArray) {
            System.out.println(x);
        }
    }
}
```

Code 5:

```java
package basic;


class break1 {


    public static void main(String[] args) {
        // BREAK & CONTINUE
        int i = 0;
        while(true) {
            System.out.println(i);
            i = i+1;
            if(i > 5) {
                break;
            }
        }


    }
```

```
}
```

Code 6:

```java
package basic;

public class break2 {

    public static void main(String[] args) {
        // BREAK & CONTINUE
                    int i = 0;
                    while(true) {
                        if(i == 3) {
                            i = i+1;
                            continue;
                        }
                        System.out.println(i);
                        i = i+1;
                        if(i > 5) {
                            break;
                        }
                    }
    }
}
```

Code 7:

```java
package basic;

import java.util.Arrays;

public class casting {
```

```java
    public static void main(String[] args) {
        // TODO Auto-generated method stub
        double prise=100.00;
        double finalprise= prise + 18;
        System.out.println(finalprise);



    }


}
```

Code 8:

```java
package basic;

public class condition {

    public static void main(String[] args) {
        // TODO Auto-generated method stub
    boolean isSunup=false;
    if (isSunup == true)
    {System.out.println("day");}
    else
    {


    System.out.println("night");


    }
    }
```

}

Code 9:

```java
package basic;

import java.util.Scanner;

public class condition1 {

	public static void main(String[] args) {
		// TODO Auto-generated method stub
		Scanner sc=new Scanner(System.in);

		int cash=sc.nextInt();
		if (cash<10)
		{
		System.out.println("cannot buy anything");
		System.out.println("get more cash");
		}
		else if (cash>10 && cash<50)
		{
			System.out.println("can get 1 thing");
		}

		else {
			System.out.println("can get both");
			System.out.println("bick");
			System.out.println("car");
			System.out.println("sava");
			System.out.println("maduman");
			System.out.println("strong yoga");
			}
```

}

}
Code 10:

package basic;

public class doWhile {

        public static void main(String[] args) {

                // **TODO** Auto-generated method stub

                int i = 100;

                do {

                        System.*out*.println(i);

                        i--;

                        } while (i >= 1);

        }

}
Code 11:

package basic;

import java.util.Scanner;

public class dowhileScanner {

        public static void main(String[] args) {

```java
        // loops
        Scanner sc = new Scanner(System.in);
        int number = 0;

        do {
                System.out.println("input a number");
                number = sc.nextInt();
                System.out.print("hear is your number: ");
                System.out.println(number);
                } while (number >= 0);

        System.out.println("THE END");
        }

}
```

Code 12:

```java
package basic;

public class expectionHandling {

        public static void main(String[] args) {
                // TRY - CATCH in EXCEPTION HANDLING
                int [] marks = {97,98,95};
                try {
                        System.out.println(marks[5]);
                } catch(Exception exception) {


                }
```

```java
            System.out.println("we are boys");


    }


}
```

Code 13:

```java
package basic;


public class f {


    public static void main(String[] args) {
        // TODO Auto-generated method stub
        int i = 100;
        while (i >= 1) {
            System.out.println(i);
            i = i-1;
        }


    }


}
```

Code 14:

```java
package basic;


public class forLoop {


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

```java
        // loop from 100 to 1
        for (int i = 100; i >= 1; i--) {
            System.out.println(i);
        }


    }


}
```

Code 15:

```java
package basic;


public class forLoop1 {


    public static void main(String[] args) {
        // loop from 1 to 100
        for (int o = 1; o <= 100; o++) {
            System.out.println(o);
        }


    }


}
```

Code 16:

```java
package basic;


public class g {
```

```java
    public static void main(String[] args) {
        // TODO Auto-generated method stub
        // Initialize the counter
int i = 1;


// Loop from 1 to 100
while (i <= 100) {
    System.out.println(i);
    i = i+1;  // Increment the counter
}
}
}
```

Code 17:

```java
package basic;

public class implicitCosting {

    public static void main(String[] args) {
    int a=257;
        byte b;
        b=(byte)a;
        System.out.println("narrow of b is: " +b);


        int c=257;
        float d;
        d=(float)c;
        System.out.println("widening of d is: "+d);
```

```
        }


}
```

Code 18:

```java
package basic;


public class logicaloperaters {


    public static void main(String[] args) {
            // TODO Auto-generated method stub
    boolean isAdult=false;
    if (!isAdult)
        System.out.println("is adult");
    else
        System.out.println("not adult");



        }


}
```

Code 19:

```java
package basic;


public class loop {


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

```java
        // TODO Auto-generated method stub
        int i=100;
        while(i>=1)
        {
                System.out.println(i);


                i=i-1;
                }
        }
}
```

Code 20:

```java
package basic;


public class loop1 {


        public static void main(String[] args) {
                // TODO Auto-generated method stub
                for (int i = 1; i <= 100; i++) {
                        System.out.println(i);
                }
        }


}
```

Code 21:

```java
package basic;


public class Main {
```

```java
        public static void main(String[] args) {
                // TODO Auto-generated method stub



int[][] finalmarks= {{97,98,88,11,22,34},{95,96,55,56,67,87}};

System.out.println(finalmarks[1][2]);


}


}
```

Code 22:

```java
package basic;

import java.util.Scanner;


public class maximum {


        public static void main(String[] args) {
                // TODO Auto-generated method stub


    Scanner gg=new Scanner(System.in);

    System.out.println("input your :");

  long name =gg.nextLong();


    System.out.println(name);

    }


}
```

Code 23:

```java
package basic;

public class Method2 {

    public static void printjava() {
        System.out.println("Hello java");
    }

    public static void printname(String name) {
        System.out.println(name);
    }

    public static void printSum(int a, int b) {
        int sum = a+b;
        System.out.println(sum);
    }

    public static void main(String[] args) {
        // Methods
        printSum(1, 4);
    }

}
```

Code 24:

```java
package basic;

public class Methods1 {

    public static void printSum(int a,int b) {
        int sum = a+b;
        System.out.println(sum);
    }

    public static void main(String[] args) {
        // Methods
        printSum(4, 6);
    }

}
```

Code 25:

```java
package basic;

public class Methods2 {

    public static void printjava() {
        System.out.println("Hello java");
    }

    public static void printname(String name) {
```

```java
            System.out.println(name);
    }


    public static void main(String[] args) {
        // Methods
        printname("guru");

        printname("jasvant");

        printname("Beer");

    }


}
```

Code 26:

```java
package basic;

import java.util.Scanner;

public class miniProject {


    public static void main(String[] args) {
        // MINI PROJECT
        Scanner sc = new Scanner(System.in);

        int myNumber = (int)(Math.random()*100);

        int userNumber = 0;


        do {

            System.out.println("Guss my number(1-100) : ");

            userNumber = sc.nextInt();

            if(userNumber == myNumber) {

                System.out.println("WOOHOO .. CORRECT NUMBER!!!");

                break;

            }
```

```java
                else if(userNumber > myNumber) {

                    System.out.println("your number is too large");

                }

            else  {

                    System.out.println("your number is too small");

            }

        } while(userNumber >= 0);


        System.out.println("my number was : ");

        System.out.println(myNumber);

        }

}
```

Code 27:

```java
package basic;

import java.io.*;

import java.util.*;


public class ResumeBuilder {
   public static void main(String[] args) {
      Scanner sc = new Scanner(System.in);


      System.out.println("Welcome to the Simple Resume Builder!");


      // Get personal information
      System.out.print("Enter your full name: ");
      String name = sc.nextLine();


      String contactNumber;
      while (true) {
```

```java
        System.out.print("Enter your contact number (10 digits): ");

        contactNumber = sc.nextLine();

        if (contactNumber.matches("\\d{10}")) {

            break;

        } else {

            System.out.println("Error: Contact number should be exactly 10 digits.");

        }

    }


    System.out.print("Enter your email: ");

    String email = sc.nextLine();

    System.out.print("Enter your address: ");

    String address = sc.nextLine();


    // Get education details

    System.out.print("Enter your bachelor's degree (e.g., BTech): ");

    String degree = sc.nextLine();

    System.out.print("Enter your college name: ");

    String collegeName = sc.nextLine();

    System.out.print("Enter your start year (e.g., 2020): ");

    String startYear = sc.nextLine();

    System.out.print("Enter your graduation year (e.g., 2024): ");

    String graduationYear = sc.nextLine();


    // Get work experience

    List<String> experiences = new ArrayList<>();

    System.out.print("Do you have any work experience? (yes/no): ");

    String hasExperience = sc.nextLine();

    while (hasExperience.equalsIgnoreCase("yes")) {
```

```java
System.out.print("Enter your job title: ");

String jobTitle = sc.nextLine();

System.out.print("Enter the company name: ");

String company = sc.nextLine();

System.out.print("Enter the start month (e.g., January): ");

String startMonth = sc.nextLine();

System.out.print("Enter the start year (e.g., 2021): ");

String startYearExp = sc.nextLine();

System.out.print("Enter the end month (e.g., December, or 'Present' if still working): ");

String endMonth = sc.nextLine();

System.out.print("Enter the end year (e.g., 2021, or leave blank if still working): ");

String endYearExp = sc.nextLine();

System.out.print("Enter the number of years worked: ");

String workingYears = sc.nextLine();

System.out.print("Enter your responsibilities (comma separated): ");

String responsibilities = sc.nextLine();


// Format experience details
experiences.add(jobTitle + " at " + company + " (" + startMonth + " " + startYearExp +
" - " + (endMonth.equalsIgnoreCase("Present") ? "Present" : endMonth + " " + endYearExp)
+ ")");

experiences.add("Years Worked: " + workingYears);

experiences.add("Responsibilities: " + responsibilities);


System.out.print("Do you want to add another experience? (yes/no): ");

hasExperience = sc.nextLine();
}


// Get skills
```

```java
        System.out.print("Enter your skills (comma separated): ");

        String skills = sc.nextLine();


        // Generate resume

        generateResume(name, contactNumber, email, address, degree, collegeName,
startYear, graduationYear, experiences, skills);

    }


    private static void generateResume(String name, String contactNumber, String email,
String address, String degree,

                        String collegeName, String startYear, String graduationYear,
List<String> experiences, String skills) {

        try {

            BufferedWriter writer = new BufferedWriter(new FileWriter("resume.txt"));


            // Write personal information

            writer.write("Resume\n");

            writer.write("======================\n");

            writer.write("Name: " + name + "\n");

            writer.write("Contact Number: " + contactNumber + "\n");

            writer.write("Email: " + email + "\n");

            writer.write("Address: " + address + "\n\n");


            // Write education

            writer.write("Education\n");

            writer.write("======================\n");

            writer.write("Bachelor's Degree: " + degree + "\n");

            writer.write("College Name: " + collegeName + "\n");

            writer.write("Years: " + startYear + " - " + graduationYear + "\n\n");
```

```java
        // Write work experience
        if (!experiences.isEmpty()) {
            writer.write("Work Experience\n");
            writer.write("=======================\n");
            for (String experience : experiences) {
                writer.write(experience + "\n");
            }
            writer.write("\n");
        }


        // Write skills
        writer.write("Skills\n");
        writer.write("=======================\n");
        String[] skillArray = skills.split(",");
        for (int i = 0; i < skillArray.length; i++) {
            writer.write((i + 1) + ". " + skillArray[i].trim() + "\n");
        }


        writer.close();
        System.out.println("Resume has been generated successfully as 'resume.txt'.");
    } catch (IOException e) {
        System.out.println("An error occurred while generating the resume.");
        e.printStackTrace();
    }
  }
}
```

Code 28:

```java
package basic;

public class stiring1 {

    public static void main(String[] args) {
        // TODO Auto-generated method stub
        String name1="basha";
        String name2="temper";
        String name3=name1 + " and " + name2;
        System.out.println(name3);

    }

}
```

Code 29:

```java
package basic;

public class switch1 {

    public static void main(String[] args) {

        int day=5;

        switch (day) {
        case 1 :
            System.out.println("monday");break;
        case 2 :
            System.out.println("tusday");break;
```

```java
            default:
                System.out.println("wed - sun");
        }
    }
}
```

Code 30:

```java
package basic;


public class temper {


    public static void main(String[] args) {
        // TODO Auto-generated method stub
        String name="Guru and Raj";
        System.out.println(name.substring(0,4));



    }


}
```

Code 31:

```java
package basic;


public class whileLoop {


    public static void main(String[] args) {
        // TODO Auto-generated method stub
/*      int  i = 100;
        while (i >= 1) {
```

```java
        System.out.println(i);

        i = i-1;

    }
*/
//while 1 to 100
int i = 1;
while (i <= 100) {

        System.out.println(i);

        i = i+1;

    }

}

}
```