(1) Create a java program to print your mother and father name, age, salary, phonenumber, address like city state country.

Code:

```java
import java.util.Scanner;

public class Sample {

public static void main(String[] args) {

String motherName,fatherName,city,state,country;

int age,salary,phone;

Scanner scanner=new Scanner(System.in);

        System.out.print("Enter Mothers Name : ");

motherName=scanner.nextLine();

System.out.print("Enter Fathers Name : ");

fatherName=scanner.nextLine();

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

age=scanner.nextInt();

System.out.print("Enter Your Salary : ");

salary=scanner.nextInt();

            System.out.print("Enter Your phone : ");

phone=scanner.nextInt();

System.out.print("Enter City Name : ");

city=scanner.nextLine();

System.out.print("Enter Your Satate Name : ");

state=scanner.nextLine();

            System.out.print("Enter Your Country Name : ");

country=scanner.nextLine();




System.out.println("Mother's Name is : "+motherName+

"\nFather's Name is : "+fatherName+

"\nAge is : "+age+

"\nSalary is : "+salary+
```

```
"\nPhone number is : "+phone+

"\nCity is : "+city+

"\nState is : "+state+

"\nCountry is : "+country);

    }
}
```

Output:

Enter Mothers Name : Shashi Devi

Enter Fathers Name : Anjan Ray

Enter your Age : 22

Enter Your Salary : 30000

Enter Your phone : 1232456789

Enter City Name : Ulhasnagar

Enter Your Satate Name : Maharashtra

Enter Your Country Name : India

Mother's Name is : Shashi Devi

Father's Name is : Anjan Ray

Age is : 22

Salary is : 30000

Phone number is : 1232456789

City is : Ulhasnagar

State is : Maharashtra

Country is : India

(2) Write a java program to print the below msg in the given format hello welcome to edubridge online classes

Code:

```java
public class Assignment2 {

public static void main(String[] args) {

// TODO Auto-generated method stub

System.out.println("Hello");
```

```java
    System.out.println("Welcome to ");

    System.out.println("Edubridge Online Classes");

}

}
```

Output:

Hello

Welcome to

Edubridge Online Classes

(3) What is default package in java ?

Ans: In Java, two packages java. lang package and a no-name package (also called default package) are imported by default in all the classes of Java.

(4) Scanner class is in which package?

--> Scanner is a class in java. util package.

(5) list the methods of Scanner class.

--> nextDouble() nextFloat() nextInt() nextLine()

(6) list the types of datatypes with size and give an example of each by doing declaring and initializating the variables.

--> byte -- 1 bytes -- byte b = 127 ;

short -- 2 bytes -- short s = 32000 ;

 int -- 4 bytes -- int age = 25 ;

long -- 8 bytes -- long distance = 19999999999.8288838l;

float -- 4 bytes -- float f = 21.43f;

 double -- 8 bytes -- double d = 56.8988;

 char -- 2 bytes -- char ch = 'A';

 boolean-- 1 bite -- boolean b = true;

(7) Write a program to display the names of your 5 friends.

Ans:

```
public class Assignment3 { public static void main(String[] args) {
System.out.println("Here I will display the list of my 5 friend's names: ");
System.out.println("1.Ranjan"); System.out.println("2.Saurabh");
System.out.println("3.Pratiksha"); System.out.println("4.Nikhil");
System.out.println("5.Pushkar"); } }
```

(8) Write a program to do addition 5 number

Ans:

```
import java.util.Scanner;

public class Assignment4 { public static void main(String[] args) {

int num1,num2,num3,num4,num5 ;

 Scanner sc = new Scanner(System.in);

System.out.println("Enter first number:"); num1=sc.nextInt();
System.out.println("Enter second number:"); num2=sc.nextInt();
System.out.println("Enter third number:"); num3=sc.nextInt();
System.out.println("Enter fourth number:"); num4=sc.nextInt();
System.out.println("Enter fifth number:"); num5=sc.nextInt(); int add =
num1+num2+num3+num4+num5; System.out.println("The sum of this 5 numbers is: " + add);
} }
```

(9) Write a program to display your,father and mother name.

Ans:

```
public class Assignment5 { public static void main(String[] args) {
System.out.println("My fathers name is: Dnyaneshwar");

 System.out.println("My mothers name is: Vanita"); } }
```

(10) write a program to display your name in short like
yourname.fathernamefirstletter.sirnamefirstletter

(11) Explain the public static void main(String[] args) in detail.

Ans:

Public:- it is an access specifier that means it will be accessed by publically.
Static:- it is access modifier that means when the java program is load then it will
create the space in memory automatically.

Void:- it is a return type that is it does not return any value.

main():- it is a method or a function name.

(12) Write a program to display names of days by using commandLine arguments.

Ans: // Write a program to display names of days by using commandLine arguments.

```java
package basics;

import java.util.Scanner;

public class Assignment6 { public static void main(String[] args) { String s1,s2,s3,s4,s5,s6,s7;
 Scanner sc = new Scanner(System.in);
 System.out.println("Enter the first day: ");
 s1 = sc.nextLine();
System.out.println("Enter the second day: ");
s2 = sc.nextLine();
 System.out.println("Enter the third day: ");
 s3 = sc.nextLine();
 System.out.println("Enter the fourth day: ");
 s4 = sc.nextLine();
System.out.println("Enter the fifth day: ");
s5 = sc.nextLine();
 System.out.println("Enter the sixth day: ");
s6 = sc.nextLine();
System.out.println("Enter the seventh day: ");
 s7 = sc.nextLine();
System.out.println("The days you have entered: ");
 System.out.println(s1);
System.out.println(s2);
System.out.println(s3);
 System.out.println(s4);
 System.out.println(s5);
 System.out.println(s6);
 System.out.println(s7); } }
```

(13) What are the rules of naming the java file.

Ans: Class names should be nouns, in mixed cases with the first letter of each internal word capitalized. Interfaces names should also be capitalized just like class names. Use whole words and must avoid acronyms and abbreviations.

 (14) what are the rules of naming the class

 Ans: Class names should be nouns, in mixed case with the first letter of each internal word capitalized.

 (15) what are the rules for naming the methods

  Methods should be verbs, in mixed case with the first letter lowercase, with the first letter of each internal word capitalized.

(16) what are the rules for naming variables in java

Ans: What are rules for naming variables? A variable name must start with a letter or an underscore character (_). A variable name cannot start with a digit. A variable name can only contain alpha-numeric characters and underscores (a-z, A-Z , 0-9 , and _). Variable names are case-sensitive (age, Age and AGE are three different variables)

 (17) which is the main entry point of java program

Ans: The main() method is the entry point of every java program.

(18) who is invoking the main method of java

Ans: Jvm starts main thread to call main method.

(19) why main has to be static method

Ans: The main() method is static so that JVM can invoke it without instantiating the class.