

ASSIGNMENT-2

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

program:

```
Public Class FamilyDetails
{
Public static void main(String[] args)
{
String fatherName="ram";
String motherName="rani";
Int fatherAge=34;
Int motherAge=32;
double salary=3333.45;
int phoneNumb=1234567890;
String city="Hyderabad";
String country="india";
System.out.println("Father:"+fatherName);
System.out.println("Mother:"+motherName);
System.out.println("Father Age:"+fatherAge);
System.out.println("mother age:"+motherAge);
System.out.println("SALARY :"+salary);
System.out.println("phno:"+phoneNumb);
System.out.println("CITY:"+city);
System.out.println("country:"+country);
}
}
```

2.WAP to print in below format ?

program:

```
Public Class OutputFormatting
{
Public static void main(String[] ar)
{
System.out.println(" hello\n"+" welcome  to\n"+" edubrige  online classes ");
}
}
```

3.what is default package in java?

Java.lang .

4.Scanner class is in which package ?

Scanner class is present java.util package

5.list the methods in Scanner Class

```
nextInt(),
nextBoolean(),
nextLine(),
nextDouble(),
nextFloat(),
nextShort(),
nextByte(),
nextLong(),
next().
```

6.list of datatypes in java

1.Int ->4 bytes

Int a=3;// declaration s and initilazation

2.char ->2 bytes

- ```
char ch='a';
3.float ->4bytes
Float marks=66.8f;
4.double -> 8 bytes
double total=20.00;
5.long->8 bytes
Long tellephno=12452565265252652L;
Short ->2bytes
6. Boolean -> 1 bit
boolean flag=true;
```
7. write a program to display the names of your 5 friends.?

```
program:
 public class DisplayNames {

public static void main(String[] args) {
 // TODO Auto-generated method stub
 String friend1="raj";
 String friend2="teja";
 String friend3="suresh";
 String friend4="kalayani";
 String friend5="vidya";

 System.out.println("my friends names :\n "+friend1+"\n"+friend2+"\n"+friend3+"\n"+friend4+"\n"+friend5+"\n");
}

}
```

8. Write a program to do addition 5 number?

program :

```
package assignment_2_CoreJava;
import java.util.Scanner;
public class AdditionProgram {

public static void main(String[] args) {
 // TODO Auto-generated method stub
 Scanner input=new Scanner(System.in);
 System.out.println("enter five numbers for addition :");
 int num1=input.nextInt();
 int num2=input.nextInt();
 int num3=input.nextInt();
 int num4=input.nextInt();
 int num5=input.nextInt();
 System.out.println("addition of five number is : "+(num1+num2+num3+num4+num5));
}

}
```

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

Program :

```
package assignment_2_CoreJava;

public class FamilyDetails {

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

```
String myName="raj tripati";
String fatherName="guna tripati";
String motherName="gunaSri tripati";
System.out.println("Name : "+myName+"\n"+"Father Name :"+fatherName+"\n"+"Mther Name :"+motherName)
;
}

}
```

10. write a program to display your name in short like yourname.fathernamfirstletter.sirnamefirstletter  
program:

```
package assignment_2_CoreJava;

public class MyName {

 public static void main(String[] args) {
 // TODO Auto-generated method stub
 String myName="ram";
 String surName="Gandhi";
 String fatherNmae="RameshNarayan";
 // to get the first character of a String 'charAt()' is used
 System.out.println("My Name Is : "+myName+"."+fatherNmae.charAt(0)+"."+surName.charAt(0));
 }

}
```

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

public -> it is an Access Specifier means can be accessed globally and jvm cannot identify main method without "public". wi

static ->it is a access modifier means when a java program is loaded it create memory space

void -> it is a return type and it returns nothing or any value .

main -> it is a main method or entery method ,without main jvm won't executes java main program.

String[] ar -> It is Java command-line arguments and is an array of type java.lang.String class. Here, the name of the String array is args but it is not fixed and the user can use any name in place of it. na

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

13.What are the rules of naming the java file.?

there are two rules

1. uppercasing .
- 2.lowercasing.

14.what are the rules of naming the class?

class naming follows upper casing rule.

1. It should be unique and meaningful.
2. Mostly prefer nouns as classnames.
3. Starting letters of words should be Capitals.
- 4.Should not start with Special symbols and numbers .
- 5.Except '\_' and '\$'.
- 6.It is not a error prone.

15.what are the rules for naming the methods?

rules for method naming :

1. should follow verbNoun format.
2. lowerCasing rule must be followed
3. should not start with digits and special characters
4. it must be unique and meaningful
5. it is not an error prone

16. what are the rules for naming variables in java?

rules for variable naming :

1. it follows lower casing
2. it should not start with digits or numbers
3. must be unique and meaningful
4. it is not an error prone

17. which is the main entry point of java program?

main() is the entry point for java program, jvm recognizes main() and starts execution.

18. who is invoking the main method of java ?

jvm(java virtual machine ) will invoke main method of a java program.

29. why main has to be static method?

main method is static , so that jvm invokes it without object creation of a class and saves unnecessary memory creation .