

1. Create a java Program to Print your mother and father name, age, salary, Phone number, address like city state country.

class info{

    public static void main(String[] args) {

        String mname, fname, City, State, Country,  
        int age, pno;  
        float Salary;

        Scanner scanner = new Scanner (System.in);

        System.out.println("ENTER MOTHER NAME");

        mname = scanner.nextLine();

        System.out.println("ENTER FATHER NAME");

        fname = scanner.nextLine();

        System.out.println("ENTER CITY NAME");

        City = scanner.nextLine();

        System.out.println("ENTER STATE AND COUNTRY");

        State = scanner.nextLine();

        Country = scanner.nextLine();

        System.out.print(" ENTER AGE AND PNO ");

        age = scanner.nextInt();

        pno = scanner.nextInt();

        System.out.println(" SALARY ");

        Salary = scanner.nextFloat();

        System.out.println(" MOTHER NAME IS " + mname);

        " " " (" FATHER NAME IS " + fname);

        " " " (" CITY IS " + City);

        " " " (" STATE AND COUNTRY IS " + State + Country);

        " " " (" AGE AND PHONE NO IS " + age + pno);

        " " " (" SALARY IS " + Salary);

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Q. What is default Package in java?

Ans  $\Rightarrow$  Import Java.lang

3. Scanner class is in which package?

Ans  $\Rightarrow$  Java.util.Scanner

4. List the methods of Scanner class.

Ans  $\Rightarrow$  nextint(), nextfloat(), ~~nextfloat~~ nextlong(),  
nextline(), nextchar(), nextboolean(), nextdouble(),  
nextbyte(), nextshort();

5. List the type of datatypes with size and give  
an example of each by doing declaring and  
initializing the ~~set~~ variables.

Ans  $\Rightarrow$  Types of datatypes are:-

SIZE EXAMPLE

byte = 1 byte byte a = 1;

short = 2 byte short b = 50;

Int = 4 byte int number = 100;

Long Long = 8 byte Long num2 = 1005;

Float = 8 byte float f = 22.56;

Double = 16 byte double d = 302.66;

Char = 2 byte char ch = 'H';

Q

b.



6. Write a program to display the name of your 5 friends.

```
import java.util.Scanner;  
class Friends{  
    public static void main (String [] args) {  
        String n1,n2,n3,n4,n5;  
        Scanner scanner = new Scanner (System.in);  
        System.out.println ("ENTER 1ST FRIEND NAME = ");  
        n1 = scanner.nextLine();  
        System.out.println ("ENTER 2nd FRIEND NAME = ");  
        n2 = scanner.nextLine();  
        System.out.println ("ENTER 3rd FRIEND NAME = ");  
        n3 = scanner.nextLine();  
        System.out.println ("ENTER 4TH FRIEND NAME = ");  
        n4 = scanner.nextLine();  
        System.out.println ("ENTER 5TH FRIEND NAME = ");  
        n5 = scanner.nextLine();  
        System.out.println ("1ST FRIEND NAME IS " +n1);  
        System.out.println ("2nd FRIEND NAME IS " +n2);  
        System.out.println ("3rd FRIEND NAME IS " +n3);  
        System.out.println ("4TH FRIEND NAME IS " +n4);  
        System.out.println ("5TH FRIEND NAME IS " +n5);  
    }  
}
```

7. write a program to do addition 5 number.

```
class Add {
    public static void main(String[] args) {
        int num1 = 10, num2 = 15, num3 = 30, num4 = 40,
            num5 = 50;
```

```
        System.out.println("ADDITION OF 5 NUMBER IS " + (num1 + num2
            + num3 + num4 + num5));
    }
}
```

8. write a programme to display your father and mother name?

```
class Parents {
    public static void main(String[] args) {
        String mname, fname;
        Scanner scanner = new Scanner(System.in);
        mname = scanner.nextLine();
        fname = scanner.nextLine();
    }
}
```

```
System.out.println("your MOTHER NAME IS " + mname);
System.out.println(" YOUR FATHER NAME IS " + fname);
}
```

9. write a programme to display your name in short like  
yourname, Fathernamefirstletter, Surnamefirstletter).

```
import java.util.Scanner;
class Personal {
    public static void main(String[] args) {
        short yname, ffname, sname;
        Scanner scanner = new Scanner(System.in);
        System.out.println("ENTER YOUR NAME");
        yname = scanner.nextShort();
        System.out.println(" ENTER YOUR FATHER NAME");
        ffname = scanner.nextShort();
```

System.out.println (" ENTER SIR NAME " );

Sname = Scanner.nextLine();

System.out.println("FIRST LETTER NAME IS " + fname);

" " (" FIRST LETTER SIR NAME IS " + Sname);

" " (" FIRST LETTER FATHER NAME IS " + fname);

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10. public  $\Rightarrow$  it is an access specifier which allows to access the class from everywhere if recall that Method will be visible from class in other package.

static  $\Rightarrow$  it is a keyword which helps the main method to run without creating any object.

void  $\Rightarrow$  it is a return type - method does not return value to the JVM.

main  $\Rightarrow$  it is a method / entry point of Java Program.

String[]  $\Rightarrow$  it is a predefined class - command line argument - while running the program, we can pass the value.

11. What are the rules of naming the java file.

- Ans. • File name should be same as class name.
- If there are multiple class within the file and all classes have have access Specifier ~~to~~ then we can use any classname as a filename.
  - If there is public class in the file then file name should be public.
  - main method ~~\*~~ should be present in the class which is public.
  - outer class can only be public and default.

12. What are the rule of naming class.

Ans

- class name should be upper camel case
- keyword is not allowed
- white space is not allowed
- special character is not allowed except - underscore - and dollar \$.
- number should not be started class name
- should not be started ~~\*~~ with number but can be ~~\*~~ at end.

13. What are the rule of naming methods.

- keyword not allowed.
- It ~~should~~ should be unique
- It should be lowercase letter
- black space is not allowed

14. what are the rules for naming variable in java.

- It follows lowescamelcase letter
- keywords is not allowed
- Space is not allowed between two characters or word
- It should be unique.

15. Which is the main entry point of Java program.

ANS public static void main(String[] args)

16. who is invoking the main method of Java.

Ans JVM starts main thread to call main thread.

17. why main has to be static method.

Ans The main() method is static so that JVM JVM invoked it without instantiating class.