**ASSIGNMENT 1 : FUNCTIONS**

**1 .Write a program to print the following output the same format by taking two string variable.**

**public** **class** prgm1 {

**public** **static** **void** printWord(String str)

{

System.***out***.println(str); }

**public** **static** **void** display(String str1)

{

System.***out***.println(str1);

}

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

*printWord*("Hello");

*printWord*("Hello"+" "+"Hello");

*display*(" "+"Welcome"+" "+"Welcome");

}

}

**Output:**

Hello

Hello Hello

Welcome Welcome

**2 .Write a program to print the “welcome to java programming” by using the static method without arguments and return type**.

**public** **class** prgm2 {

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

System.***out***.println("welcome to java programing");

}

}

**Output:**

welcome to java programing

**3 .Write a static method add() which takes the three int arguments and returns the summations of those numbers as int and print the result.**

**public** **class** prgm3 {

**public** **static** **int** add(**int** a,**int** b,**int** c)

{

**int** sum=a+b+c;

**return** sum;

}

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

System.***out***.println(*add*(2,4,6));

}

}

**Output:**

12

**4 .Write a static method avg() which takes three double values and return the result as double.**

**public** **class** prgm4 {

**public** **static** **double** avg(**double** a,**double** b,**double** c)

{

**double** result=(a+b+c)/3;

**return** result;

}

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

System.***out***.println(*avg*(5,5,5));

}

}

**Output:**

5.0

**5 .Write the program to create employee class with member variables and create three objects and read and print their values**.

**public** **class** employee {

**int** empId;

String empName;

**float** empSalary;

String empDesg;

**public** **void** readData()

{

empId=101;

empName="Akash";

empSalary=25000.00f;

empDesg="udupi";

}

**public** **void** printData()

{

System.***out***.println(empId+" "+empName+" "+empSalary+" "+empDesg);

}

**public** **void** readData1()

{

empId=102;

empName="virat";

empSalary=24000.00f;

empDesg="mangalore";

}

**public** **void** printData1()

{

System.***out***.println(empId+" "+empName+" "+empSalary+" "+empDesg);

}

**public** **void** readData2()

{

empId=103;

empName="Ashwith";

empSalary=25000.00f;

empDesg="udupi";

}

**public** **void** printData2()

{

System.***out***.println(empId+" "+empName+" "+empSalary+" "+empDesg);

}

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

employee e=**new** employee();

e.readData();

e.printData();

employee e1=**new** employee();

employee e2=**new** employee();

e1.readData1();

e1.printData1();

e2.readData2();

e2.printData2();

}

}

**Output:**

101 Akash 25000.0 udupi

102 virat 24000.0 mangalore

103 Ashwith25000.0 udupi

**6 .Write a program to create a account class with amount as member and write three functions deposite, withdraw and checkbalance.**

**public** **class** account {

**float** amount=5000;

**float** a=1000;

**float** b=2000;

**float** c;

**public** **void** deposite()

{

a=amount+a;

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

}

**public** **void** withdraw()

{

b=a-b;

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

}

**public** **void** checkBalance()

{

c=b;

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

}

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

account r=**new** account();

r.deposite();

r.withdraw();

r.checkBalance();

}

}

**Output:**

deposite is 6000.0

withdraw is 4000.0

balance 4000.0