**Program:example program for a method withoutparameters and without return type**

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

{

*sum*();

}

**public** **static** **void** sum()

{

**int** num1=10;

**int** num2=20;

**int** res=num1+num2;

System.*out*.println(res);

}

}

**Program2:example a program for a method withoutparameters and with return type**

**public** **class** program2 {

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

{

**int** x=*sum*();

System.*out*.println(x);

}

**public** **static** **int** sum()

{

**int** num1=10;

**int** num2=20;

**int** res=num1+num2;

**return** res;

}

}

**Program3:example program for a method with two parameters and with return type**

**public** **class** program3 {

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

{

**double** x=*sum*(25.55,20.37);

double y=sum(32.15,34.55);

System.*out*.println(x);

System.*out*.println(y);

}

**public** **static** **double** sum(**double** num1,**double** num2)

{

**double** res=num1+num2;

**return** res;

}

}

Program4:to find the simpleinterest and compound Interest

**public** **class** program3

{

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

{

*simpleInt*(50000,2,2.5);

*compoundInt*(50000,2,2.5);

*simpleInt*(10000,5,3.5);

*compoundInt*(10000,2,3.5);

}

**public** **static** **void** simpleInt(**int** amount, **int** year, **double** rate)

{

**double** si=amount\*year\*rate/100;

System.*out*.println("simple interest\t"+si);

}

**public** **static** **void** compoundInt(**int** amount, **int** year, **double** rate)

{

**double** ci=amount\*Math.*pow*(1.0+rate/100,year)-amount;

System.*out*.println("simple interest\t"+ci);

}

}