package dss;

public **class Boy** {

String color;

double height;

double salary;

int age;

}

package dss;

public **class Girl** {

public boolean marraigeProposal(Boy boy)throws ArithmeticException,SalaryNotEnoughException

{

if(boy.salary>=30000)

{

if(boy.age<=30 && boy.age>=20)

{

if(boy.color.equals("dark"))

{

return true;

}

else

{

throw new ArithmeticException("Color is too fair");

}

}

else

{

throw new ArithmeticException("Age is not satisified");

}

}

else

{

throw new SalaryNotEnoughException("Salary is not enough");

}

}

}

package dss;

public **class Test1** {

public static void main(String[] args)

{

Boy boy = new Boy();

boy.color = "dark";

boy.height = 6;

boy.salary = 25000;

boy.age =25;

Girl girl = new Girl();

try{

System.out.println(girl.marraigeProposal(boy));

}catch(SalaryNotEnoughException ex){

ex.printStackTrace();

}catch(ArithmeticException ex )

{

ex.printStackTrace();

}

System.out.println("Task 4");

System.out.println("Task 5");

}

}

