**Financial Forecasting Superset ID: 6385612**import java.util.\*;

class main{

static int initial=4000;

static double growthrate=0.20;

public static void main(String[] args){

Scanner sc=new Scanner(System.in);

System.out.print("Enter number of years: ");

int year=sc.nextInt();

double result=futurevalue(year);

System.out.printf("Forecasted value after %d years: %.2f\n",year,result);

}

public static double futurevalue(int y){

if(y>0){

return (futurevalue(y-1))\*(1+growthrate);

}

else{

return initial;

}

}

}

**OUTPUT:**

