1)

```
 import java.util.*;
 public class SurfaceArea {
public static void main(String args[]) {
 Scanner scan=new Scanner(System.in);
double r=scan.nextDouble();
PlanetExplorer e=new PlanetExplorer();
double res=e.calculateSurfaceArea(r);
System.out.printf("%.2f\n",res); } }
```

```
public class PlanetExplorer {
public double calculateSurfaceArea(double radius) {
double pi=3.14;
double A = 4*pi*radius*radius;
return A; } }
```

---

2)

```
import java.util.*;
public class Converter { public static void main(String args[]) {
Scanner scan=new Scanner(System.in);
double h=sc.nextDouble();
HeightConverter h1=new HeightConverter();
double r=h1.convertInchesToFeet(h);
System.out.printf("%.2f\n",r); } }
```

```
public class HeightConverter {
```

```
public double convertInchesToFeet(double inches) {
return inches/12; } }
```

---

3)

```
 import java.util.*;
public class CalFinance {
public static void main(String args[]) {
 Scanner scan=new Scanner(System.in);
double p=scan.nextDouble();
double t=scan.nextDouble();
 double r=scan.nextDouble();
FinanceCalculator f=new FinanceCalculator();
 System.out.printf("%.2f\n",f.calculateSimpleInterest(p, r, t))}}
```

```
public class FinanceCalculator {
 public double calculateSimpleInterest(double principal, double rate, double time) {
return principal*rate*time; } }
```

---

4)

```
import java.util.*;
public class TimeConverter {
 public static void main(String args[]) {
Scanner scan=new Scanner(System.in);
 int m=scan.nextInt();
```

```
double res=convertToHours(m);
System.out.println(res); }

public static double convertToHours(int minutes) {
return minutes/60.0; } }
```

5)

```
import java.util.*;
 public class HalveIt {
 public static void main(String args[]) {
Scanner scan=new Scanner(System.in);
double n=sc.nextDouble();
double res=halveTheNumber(n);
System.out.printf("%.2f\n",res); }

public static double halveTheNumber(double num) {
return num/2; } }
```