1.

```
class arr
{
public static void main(String args[])
{
double a[]={12.3,34.45,56.65,34.66,112.4};
int i;
for(i=0;i<a.length;i++)
{
System.out.println("Array elements:"+a[i]);
}
System.out.println("Array length:"+a.length);
}
}
```

2.

```
import java.lang.Math;
class cinterest
{
public static void main(String args[])
{
double p,r;
double ci,a;
int n;
p=Float.valueOf(args[0]).floatValue();
r=Float.valueOf(args[2]).floatValue();
n=Integer.parseInt(args[1]);
a=p*Math.pow((1+(double)1/r),n);
ci=a-p;
System.out.println("coumpound interest="+ci);
```

```
}
}
```

3.
```
class div7
{
public static void main(String args[])
{
int i;
for(i=100;i<200;i++)
{
if(i%7==0)
{
System.out.println("numbers divided by 7:"+i);
}
}
}
}
```

4.
```
import java.lang.Math.*;
class sqr
{
public static void main(String ar   gs[])
{
double a,b;
a=Float.valueOf(args[0]).floatValue();
b=Float.valueOf(args[1]).floatValue();
System.out.println("square root of"+a+"is:"+Math.sqrt(a));
System.out.println("square root of"+b+"is:"+Math.sqrt(b));
}
}
```