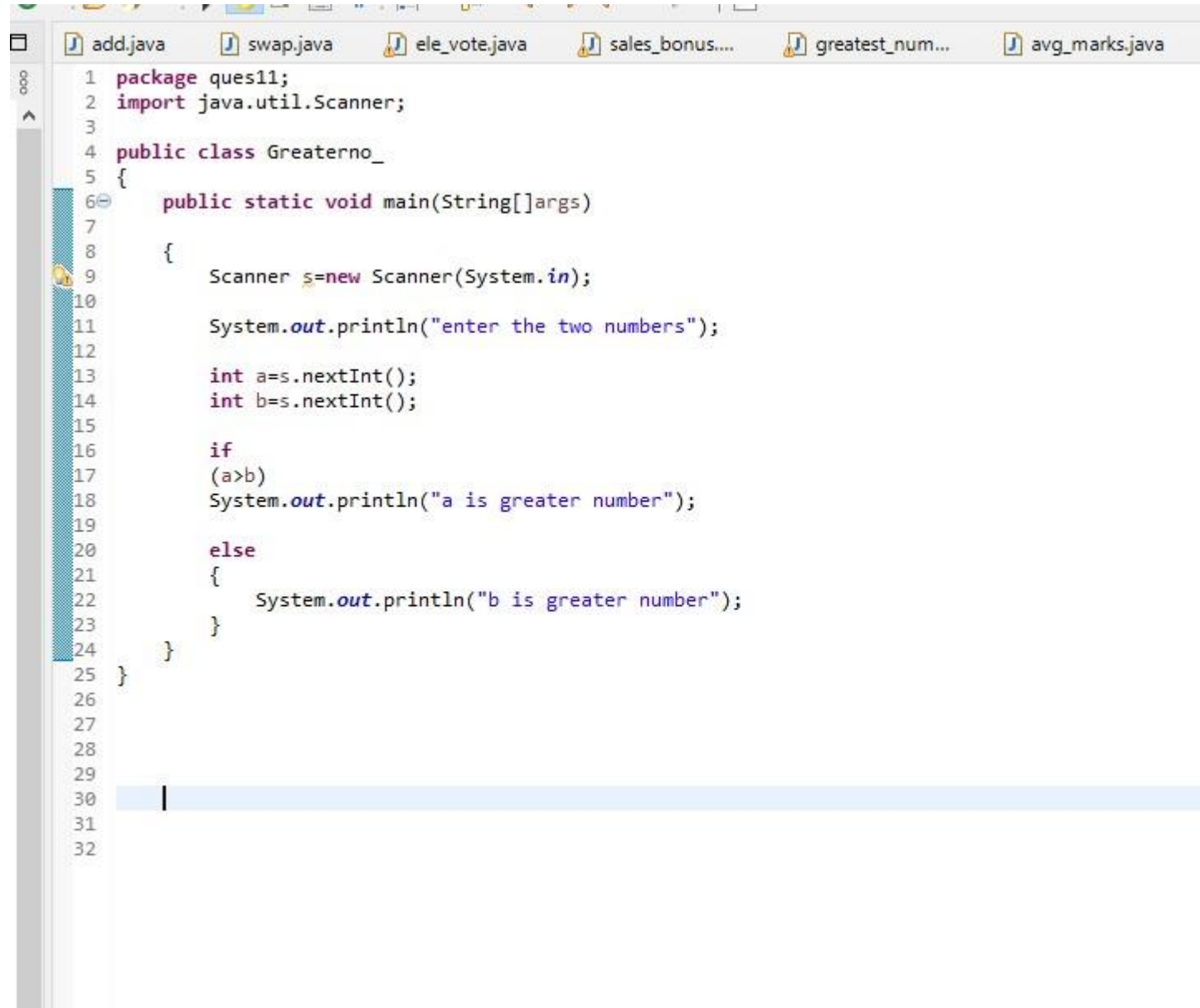


Q1



The screenshot shows a Java IDE with a tab bar at the top containing several files: `add.java`, `swap.java`, `ele_vote.java`, `sales_bonus....`, `greatest_num...`, and `avg_marks.java`. The main editor displays the code for `add.java`. The code is as follows:

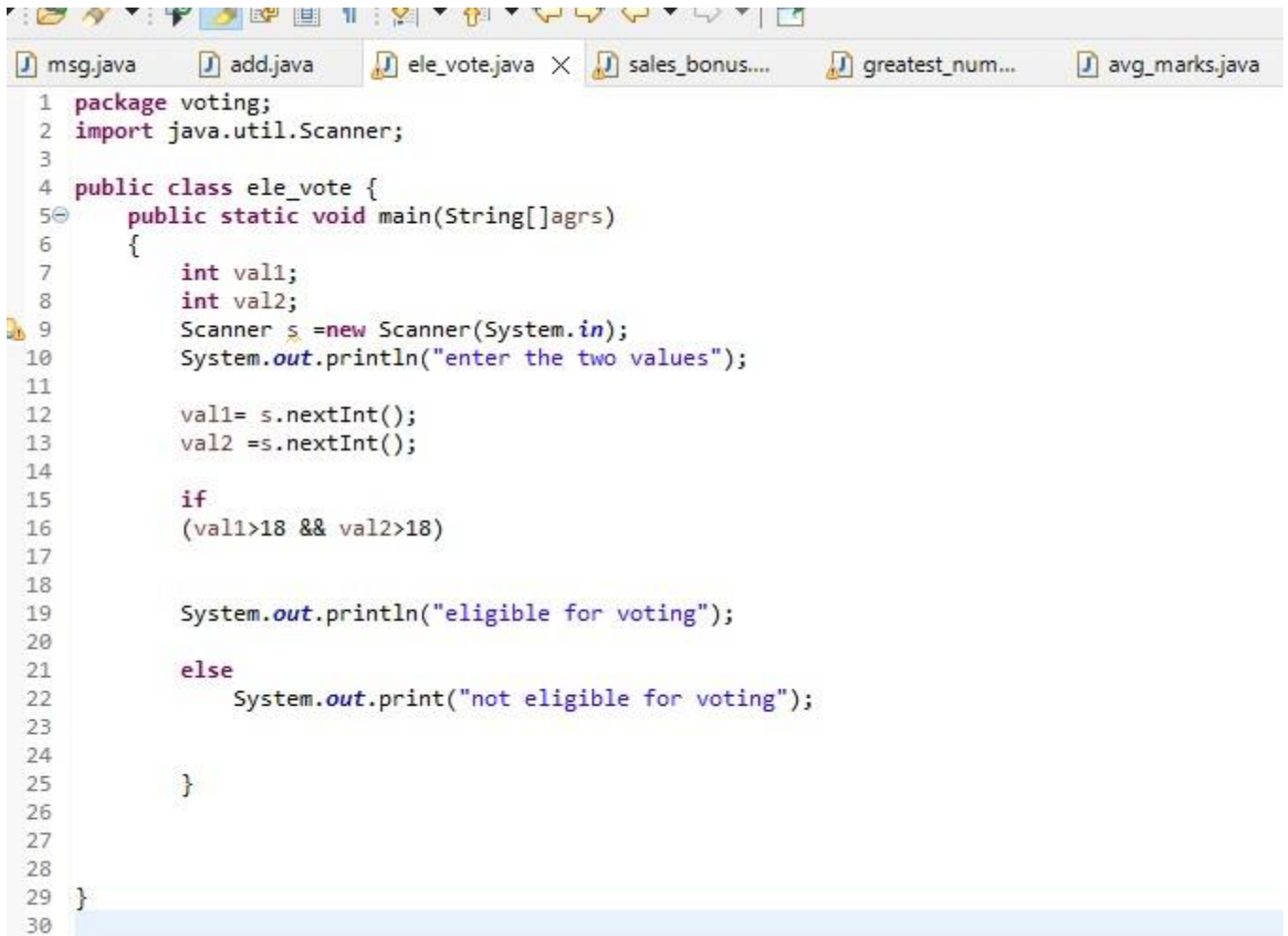
```
1 package ques11;
2 import java.util.Scanner;
3
4 public class Greaterno_
5 {
6     public static void main(String[]args)
7     {
8         Scanner s=new Scanner(System.in);
9
10        System.out.println("enter the two numbers");
11
12        int a=s.nextInt();
13        int b=s.nextInt();
14
15        if
16        (a>b)
17        System.out.println("a is greater number");
18
19        else
20        {
21            System.out.println("b is greater number");
22        }
23    }
24 }
25
26
27
28
29
30
31
32
```

Q2.

```
1 package subject;
2
3 public class avg_marks {
4     public static void main(String[] args)
5
6     {
7         int a= 50;
8         int b= 75;
9         int c= 40;
10        int d= 60;
11        int e= 80;
12
13        if
14        (a+b+c+d+e > 40)
15
16        System.out.println("pass");
17
18        else
19            System.out.println("fail");
20
21    }
22
23 }
24
25
```

```
add.java X swap.java ele_vote.java sales_bonus.... great
1 package sum;
2
3 public class add {
4     public static void main (String[] args)
5     {
6         float y =11.22f;|
7         float z =12.33f;
8         float x =13.44f;
9         float s=x+y+z;
10        System.out.println(s);
11
12    }
13
14 }
15
```

```
add.java swap.java X ele_vote.java sales_bonus.... greatest_num... avg_marks
1 package swapping;
2
3 public class swap {
4     public static void main(String[] args)
5     {
6         int x=10;
7         int y=20;
8         System.out.println("before swapping x=" + x + " y=" + y);
9
10        int temp;
11        temp=x;
12        x=y;
13        y=temp;
14
15
16        System.out.println("After swapping" );
17        System.out.println(" x=" + x);|
18
19
20        System.out.println(" y=" + y);
21
22    }
23
24 }
25
```



The screenshot shows an IDE window with several tabs: msg.java, add.java, ele_vote.java (active), sales_bonus..., greatest_num..., and avg_marks.java. The active tab displays a Java program for checking voting eligibility. The code is as follows:

```
1 package voting;
2 import java.util.Scanner;
3
4 public class ele_vote {
5     public static void main(String[] args)
6     {
7         int val1;
8         int val2;
9         Scanner s = new Scanner(System.in);
10        System.out.println("enter the two values");
11
12        val1= s.nextInt();
13        val2 =s.nextInt();
14
15        if
16        (val1>18 && val2>18)
17
18
19        System.out.println("eligible for voting");
20
21        else
22            System.out.print("not eligible for voting");
23
24
25    }
26
27
28
29 }
30
```

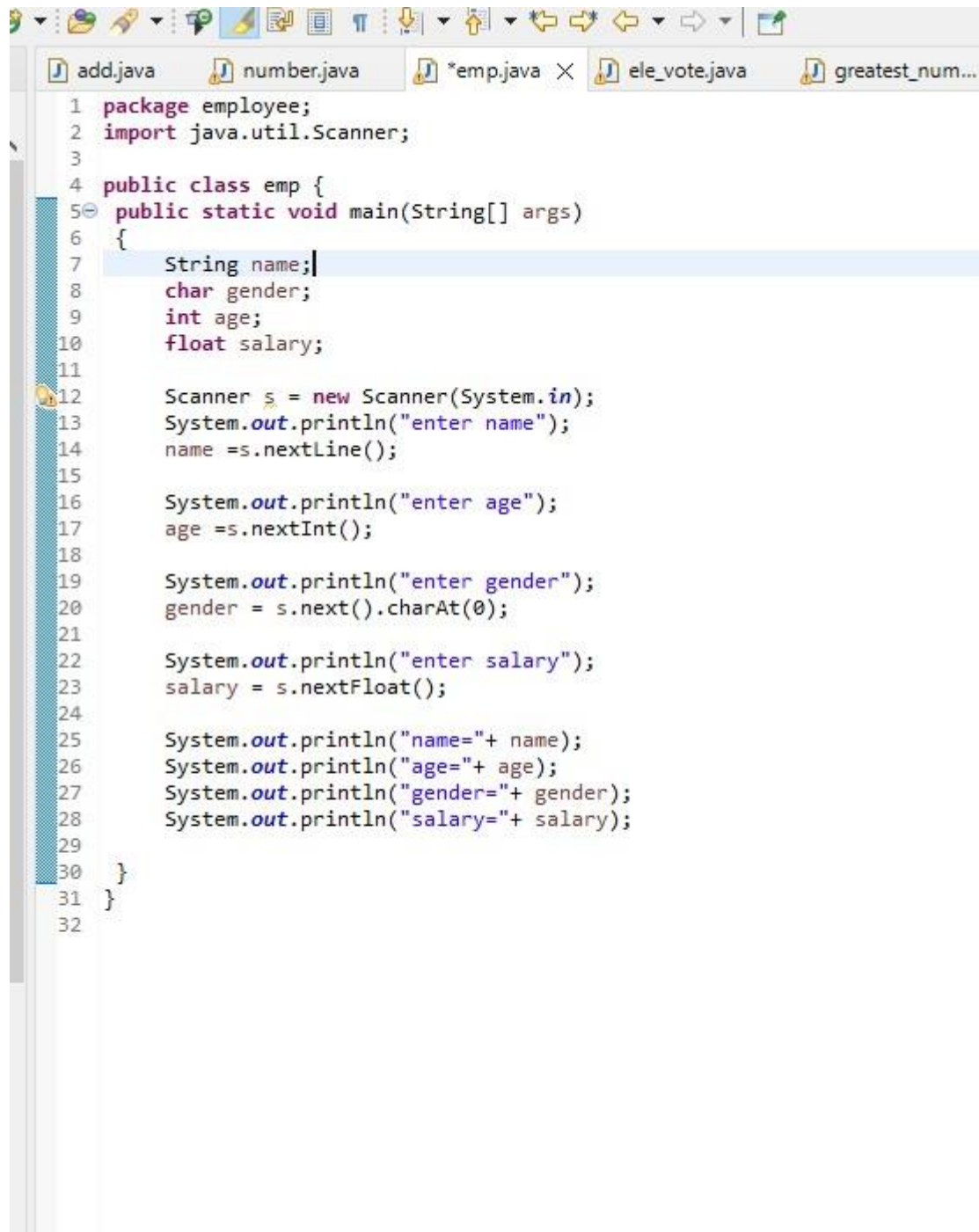
```
add.java  swap.java  ele_vote.java  X  sales_bonus....  greatest_num...  av
1  package voting;
2  import java.util.Scanner;
3
4  public class ele_vote {
5  public static void main(String[] args)
6  {
7      int val1;
8      int val2;
9      Scanner s = new Scanner(System.in);
10     System.out.println("enter the two values");
11
12     val1 = s.nextInt();
13     val2 = s.nextInt();
14
15     if
16     (val1 > 18 && val2 > 18)
17
18
19     System.out.println("eligible for voting");
20
21     else
22         System.out.print("not eligible for voting");
23
24
25     }
26
27
28
29 }
30
```

add.java swap.java ele_vote.java sales_bonus.... greatest_num... avg_marks.jav

```
1 package ques12;
2 import java.util.Scanner;
3 public class discount {
4     |
5     public static void main(String[] args)
6     {
7         Scanner sc=new Scanner(System.in);
8
9         System.out.println("enter the product name");
10        String name;
11        double price;
12        double discount;
13
14        name=sc.nextLine();
15        System.out.println("enter the product price");
16
17        price=sc.nextInt();
18
19        if (price>2000)
20        {
21            discount= 0.2*price;
22            System.out.println("discount="+ discount);
23
24        }
25        else
26        {
27            discount = 0.1*price;
28            System.out.println("discount=" + discount);
29        }
30
31
32    }
33
34
35
36 }
37
```

add.java number.java temp.java sales_bonus.... X greatest_num... avg_marks.java

```
1 package bonus;
2 import java.util.Scanner;
3
4 public class sales_bonus {
5     |
6     public static void main(String[] args)
7     {
8
9         Scanner sc=new Scanner(System.in);
10
11         System.out.print("Enter amount:");
12
13         double amount=sc.nextDouble();
14
15         if (amount>=10000)
16         {
17
18             System.out.print("Eligible for bonus:");
19
20             double bonus=(0.2)*amount;
21
22             System.out.println("bonus amount="+ bonus);
23         }
24
25         else
26         {
27             System.out.println("not eligible for bonus");
28         }
29
30
31     }
32 }
33
34 }
35
```



The screenshot shows an IDE window with several tabs: 'add.java', 'number.java', '*emp.java' (which is the active tab), 'ele_vote.java', and 'greatest_num...'. The code in the active tab is a Java program that defines a class 'emp' with a 'main' method. The 'main' method uses a 'Scanner' to collect user input for name, age, gender, and salary, and then prints the collected data. The code is as follows:

```
1 package employee;
2 import java.util.Scanner;
3
4 public class emp {
5     public static void main(String[] args)
6     {
7         String name;
8         char gender;
9         int age;
10        float salary;
11
12        Scanner s = new Scanner(System.in);
13        System.out.println("enter name");
14        name =s.nextLine();
15
16        System.out.println("enter age");
17        age =s.nextInt();
18
19        System.out.println("enter gender");
20        gender = s.next().charAt(0);
21
22        System.out.println("enter salary");
23        salary = s.nextFloat();
24
25        System.out.println("name="+ name);
26        System.out.println("age="+ age);
27        System.out.println("gender="+ gender);
28        System.out.println("salary="+ salary);
29
30    }
31 }
32
```



```
add.java  swap.java  number.java X  ele_vote.java  greatest_num...  avg_marks.ji
1  package evenodd;
2
3  import java.util.Scanner;
4
5  public class number {
6      public static void main(String[] args)
7      {
8          int a;
9          Scanner s = new Scanner(System.in);
10         System.out.print("enter the number");
11         a = s.nextInt();
12         if(a % 2 == 0)
13             System.out.println("given number is even");
14         else
15             System.out.println("given number is odd");
16     }
17 }
18
19
```

add.java swap.java ele_vote.java sales_bonus.... greatest_num... X avg_marks.java

```
1 package greatest;
2 import java.util.Scanner;
3
4 public class greatest_number
5 {
6
7
8     public static void main(String[] args)
9     {
10         int a=20;
11         int b=40;
12         int c=50;
13
14         if
15         (a>=20 && a<b && a<c);
16
17
18         System.out.println("a is the smallest number");
19
20     }
21
22
23
24
25
```