1. **package day3_assignment;**

```
public class Employee {
	int id;
	String name;
	double sal;
	static String company="Wipro";
	void display_details(int id,String name,double sal) {
		System.out.println(id+"\t"+name+"\t"+sal+"\t"+company);
	}
	public static void main(String[] args) {
		// TODO Auto-generated method stub
		Employee emp=new Employee();
		System.out.println("Id"+"\t"+"Name "+"\t"+"Salary "+"\t"+"Company");
      System.out.println("-------------------------------------------------------");
      emp.display_details(101,"ravi",2 0000.0);
      System.out.println("-------------------------------------------------------");
      emp.display_details(102,"raju", 40000.0);
      System.out.println("-------------------------------------------------------");
      emp.display_details(103,"john", 60000.0);
	}
}
```

Output:

```
Id	Name		Salary		Company
-------------------------------------------------------
101	ravi	20000.0		Wipro
-------------------------------------------------------
102	raju	40000.0		Wipro
-------------------------------------------------------
103	john	60000.0		Wipro
```

2. **package day3_assignment;**

```
public class even_odd_array {
	public static void main(String[] args) {
		int[] arr= {1,2,3,4,5};
		int even_c=0;
		int odd_c=0;
		for(int b:arr) {
			if(b%2==0) {
				even_c++;
			}
			else {
				odd_c++;
			}
		}
		System.out.println("even count: "+even_c);
		System.out.println("odd count: "+odd_c);
	}
}
```

Output:

even count: 2

odd count: 3

**3. package day3_assignment;**

```
public class max_min_array {
	public static void main(String[] args) {
		// TODO Auto-generated method stub
		int[] arr= {1,2,3,6,4};
		int max=arr[0];
		int min=arr[0];
		for(int a:arr) {
			if(a>max) {
				max=a;
```

```
                }
            }
            System.out.println("Maximum ele: "+max);
            for(int b:arr) {
                if(b<min) {
                    min=b;
                }
            }
            System.out.println("Minimum ele: "+min);
        }
}
```

Output:

Maximum ele: 6

Minimum ele: 1

**4. package day3_assignment;**

```
public class Rectangle {
    public static void main(String[] args) {
        int length=20;
        int width=30;
        int area=length*width;
        System.out.println(area);
    }
}
```

Output:600

**5. package day3_assignment;**

```
public class simple_interest {
    public static void main(String[] args) {
        int price=1000;
        double time=3;
        int rate=2;
        double s_interest=(price*time*rate)/100;
```

```
		System.out.println(s_interest);
	}
}
```

Output:

60.0

**6. package day3_assignment;**

```
public class sum_array {
	public static void main(String[] args) {
		int[] arr= {1,2,3,4};
		int sum=0;
		for(int b:arr) {
			sum=sum+b;
		}
		System.out.println(sum);
	}
}
```

Output:

10

**7. package day3_assignment;**

```
public class Swap {
	public static void main(String[] args) {
		int a=20;
		int b=30;
		int temp=0;
		temp=a;
		a=b;
		b=temp;
		System.out.println(a);
		System.out.println(b);
	}
}
```

Output:

30

20

**8. package day3_assignment;**

```
public class Vowel_count {
	public static void main(String[] args) {
		String s="Hello";
		int c=0;
		s=s.toLowerCase();
		for(int i=0;i<s.length();i++) {
			char ch=s.charAt(i);
			if(ch=='a'||ch=='e'||ch=='o'||ch=='i'||ch=='u') {
				c++;
			}
		}
		System.out.println("Vowels count : "+c);
	}
}
```

Output:

Vowels count : 2

**9. package assignments;**

```
public class fibbo {
	public static void main(String[] args) {
		int a1=0;
		int a2=1;
		int sum=0;
		int n=10;
		int i=1;
		while(i<=n) {
			System.out.print(a1+" ");
			sum=a1+a2;
```

```
                a1=a2;
                a2=sum;
                i++;
            }
        }
}
```

Output:

0 1 1 2 3 5 8 13 21 34

**10. package assignments;**

```
public class palind_num {
    public static void main(String[] args) {
        int n=12321;
        int n1=n;
        int rev=0;
        int d=0;
        while(n!=0) {
            d=n%10;
            rev=(rev*10)+d;
            n=n/10;
        }
        if(n1==rev) {
            System.out.println("Palindrome");
        }
        else {
            System.out.println("Not Palindrome");
        }
    }
}
```

Output:Palindrome

**11. package assignments;**

```
public class Pyramid {
```

```
        public static void main(String[] args) {
                int rows=5;
                for (int i = 0; i < rows; i++) {
        for (int sp = 0; sp < rows - i - 1; sp++) {
           System.out.print(" ");
        }
        for (int st = 0; st <= i; st++) {
           System.out.print("* ");
        }
        System.out.println();
      }
         }
}
```

Output:

```
   *
  * *
 * * *
* * * *
* * * * *
```

**12. package assignments;**

```
public class sum_50 {

        public static void main(String[] args) {
                int sum=0;
                for(int i=1;i<=50;i++) {
                        sum=sum+i;
                }
                System.out.println(sum);
        }
}
```

Output:

1275