

23BAI1117 – BCSE103E – Java

12/09/2024 – Day11

<https://github.com/sriram-s-23BAI1117/javap>

1)

```
class Helper{
    static int Multiply(int a, int b){
        return a*b;
    }
    static double Multiply(double a, double b){
        return a*b;
    }
}

public class PolyEx1{
    public static void main(String[] args) {
        System.out.println(Helper.Multiply(2, 4));
        System.out.println(Helper.Multiply(5.5, 6.3));
    }
}
```

```
PS E:\Day11-12-09-24> & 'C:\Program Files\Java\jdk1.8.0_202\bin\java.exe' -Xmx512M -Djava.class.path=C:\Program Files\Java\jdk1.8.0_202\lib\rt.jar;E:\Day11-12-09-24\src\redhat.java jdt_ws\Day11-12-09-24_3214
8
34.65
```

2)

```
class Helper1{
    static int Multiply1(int a, int b){
        return a*b;
    }
    static int Multiply1(int a, int b, int c){
        return a*b*c;
    }
}

public class PolyEx2 {
    public static void main(String[] args) {
        System.out.println(Helper1.Multiply1(2, 4));
        System.out.println(Helper1.Multiply1(2, 7, 3));
    }
}
```

```
PS E:\Day11-12-09-24> e::; cd 'e:\Day11-12-09-24\aming\Code\User\workspaceStorage\7092ce1b7e57842'
```

3)

```
public class PolyEx3 {  
    public static void main(String[] args) {  
        Parent a;  
        a = new subclass1();  
        a.Print();  
        a = new subclass2();  
        a.Print();  
    }  
}  
  
class Parent{  
    void Print(){  
        System.out.println("parent class");  
    }  
}  
  
class subclass1 extends Parent{  
    void Print(){  
        System.out.println("subclass1");  
    }  
}  
  
class subclass2 extends Parent{  
    void Print(){  
        System.out.println("subclass2");  
    }  
}
```

```
PS E:\Day11-12-09-24> e::; cd 'e:\Day11-12-09-24\aming\Code\User\workspaceStorage\7092ce1b7e579d1'  
subclass1  
subclass2
```