

OOPJ MODULE END EXAM

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Q2.

Code:

```
class OnlineShopping2{
    static double[] price;
    static int quantity;
    static int unit;

    public void orders(double[] price, int quantity, int unit){
        this.price = price;
        this.quantity = quantity;
        this.unit = unit;
    }

    public static void orders(){
        int totalPrice;

        try{
            if(quantity == 0){
                throw new ArithmeticException("Arithmetic Exception Caught");
            }else{
                totalPrice = quantity * unit;
                System.out.println(totalPrice);
            }
        }
        try{
```

```
        double[] price;
    } catch (ArrayIndexOutOfBoundsException e) {
        System.out.println(e.getMessage());
    }
} catch (ArithmeticException e) {
    System.out.println(e.getMessage());
}
}

public static void main(String args[]) {
    OnlineShopping2 shop = new OnlineShopping2();
    double[] price = {299.99, 499.99, 199.99};
    shop.orders(price, 0, 3);
    shop.orders(price, 2, 0);
    shop.orders(price, 2, 5);

    shop.orders();
}
}
```

Output Screenshot:

```
C:\WINDOWS\system32\cmd. X + v
OnlineShopping2.java:38: error: no suitable method found for orders(int)
    shop.orders(1);
        ^
    method OnlineShopping2.orders(double[],int,int) is not applicable
      (actual and formal argument lists differ in length)
    method OnlineShopping2.orders() is not applicable
      (actual and formal argument lists differ in length)
OnlineShopping2.java:39: error: no suitable method found for orders(int)
    shop.orders(2);
        ^
    method OnlineShopping2.orders(double[],int,int) is not applicable
      (actual and formal argument lists differ in length)
    method OnlineShopping2.orders() is not applicable
      (actual and formal argument lists differ in length)
2 errors
F:\CDAC\Module.2 OOP>javac OnlineShopping2.java
F:\CDAC\Module.2 OOP>java OnlineShopping2
10
10
F:\CDAC\Module.2 OOP>javac OnlineShopping2.java
F:\CDAC\Module.2 OOP>java OnlineShopping2
Arithmetic Exception caught
10
Array Index Caught
F:\CDAC\Module.2 OOP>
```