**package Sales;**

//Imports used in the code

import java.math.RoundingMode;

import java.text.DecimalFormat;

import java.text.SimpleDateFormat;

import java.util.Calendar;

import java.util.Date;

import java.util.Scanner;

//Sales class for getting user input and alloting sales to products

**public class Sales {**

//Class variables for all products

static double TV\_sales;

static double VCR\_sales;

static double CDPlayers\_sales;

static double IPod\_sales;

static double Remotes\_sales;

//Main method

**public static void main(String[] args){**

//Without creating an instance accessing the input method

//to get the sale values for a week of all products

new Sales().Get\_Input();

//Passing all the class variables to client class for generating report

new client(TV\_sales, VCR\_sales, CDPlayers\_sales, IPod\_sales, Remotes\_sales);

}

//Empty default constructor

**public Sales(){**

}

//Customized constructor for alloting values to class variables

**public Sales(String name, double sales){**

if(name.equals("TV")) this.TV\_sales=sales;

else if(name.equals("VCR")) this.VCR\_sales=sales;

else if(name.equals("CDPlayer")) this.CDPlayers\_sales=sales;

else if(name.equals("IPod")) this.IPod\_sales=sales;

else if(name.equals("Remote")) this.Remotes\_sales=sales;

else System.out.println("Wrong input");

//System.out.println(this.TV\_sales);

}

//Method to get input from user and passing it to sales method

**public static void Get\_Input(){**

//Instance of scanner class for user input, user input is in string format

Scanner console=new Scanner(System.in);

System.out.print("Value of TV's sold this week? ");

//Converting the string input to double and passing it to sales method with product name

new Sales("TV",Double.parseDouble(console.nextLine()));

System.out.print("Value of VCR's sold this week? ");

//Converting the string input to double and passing it to sales method with product name

new Sales("VCR",Double.parseDouble(console.nextLine()));

System.out.print("Value of CDPlayers sold this week? ");

//Converting the string input to double and passing it to sales method with product name

new Sales("CDPlayer",Double.parseDouble(console.nextLine()));

System.out.print("Value of IPod's sold this week? ");

//Converting the string input to double and passing it to sales method with product name

new Sales("IPod",Double.parseDouble(console.nextLine()));

System.out.print("Value of Remotes sold this week? ");

//Converting the string input to double and passing it to sales method with product name

new Sales("Remote",Double.parseDouble(console.nextLine()));

}

}

//Client class for generating report

**class client{**

//Default constructor

**public client(){**

}

//Customized constructor

**public client(double TV, double VCR, double CDPlayer, double IPod, double Remote){**

//Getting total sales

double Total=TV+VCR+CDPlayer+IPod+Remote;

//Generating report

System.out.println("\n\n\nABC Electronic Sales");

//Getting present date

String timeStamp = new SimpleDateFormat("MMM dd, yyyy").format(Calendar.getInstance().getTime());

System.out.println("Date: "+timeStamp );

System.out.println("Description\t\tSales");

System.out.println("TV\t\t\t$"+TV);

System.out.println("VCR\t\t\t$"+VCR);

System.out.println("CD Player\t\t$"+CDPlayer);

System.out.println("IPod\t\t\t$"+IPod);

System.out.println("Remote Control\t\t$"+Remote);

System.out.println("\t\t\t\_\_\_\_\_\_\_\_");

System.out.println("\t\tTotal\t$"+Total+"\n\n\n");

}

}