**Conditionals**

**Topics: If-Else statements, Switch statements**

You are to write a program that prompts the user for the name of the account they wish to access, asks for the amount to withdraw, then reports the new balance back to the user.

If the account name does not exist, or the account does not have enough money to withdraw from, the program will say it cannot withdraw that amount and terminate.

You must use if-else statements, and exactly one switch statement.

Assume the user will only enter correct inputs.

Savings amount = $150

Checkings amount = $2,051

Investment amount = $7,316

**Expected Outcomes:**

1. Please enter account name to withdraw from: INVEstment

Enter amount to withdraw: 1234

You have withdrawn 1234 from your Investment account. Your new balance is 6081 dollars.

1. Please enter account name to withdraw from: IT 180

Account not found.

1. Please enter account name to withdraw from: savINGS

Enter amount to withdraw: 200

Cannot withdraw 200 from 150.

**Questions:**

1. **Write the following if statement as a switch statement.**

Scanner scan = new Scanner(System.in);

int x = scan.nextInt();

if (x == 0){

System.out.println(“Apple”);

}

else if (x == 1){

System.out.println(“Orange”);

}

else if (x == 2){

System.out.println(“Banana”);

}

else{

System.out.println(“Not a fruit”);

}

1. **Will the following switch statement work? Why or why not?**

switch (month){

case (month > 7):

System.out.println(“Month is August or later.”);

break;

case (month < 6):

System.out.println(“Month is May or earlier.”);

break;

case (month == 6 || month == 7):

System.out.println(“Month is June or July.”);

break;

}