**44643 Mobile Computing-iOS**

**Conditional Statements (switch)**

**Switch Statements:**

* Switch cases do not have break.

**Evaluate the following switch statements and Write the output in the space provided:**

1. let digit: Character = "3"

switch digit {

case "1", "2":

print("It is digit 1 or 2")

case "3":

print("It is digit 3")

case "4":

print("It is digit 4")

default:

print("None of the cases above are executed")

}

1. let letter: Character = "O"

switch letter {

case "a", "e", "i", "o", "u":

print("The letter is a lowercase vowel")

case "A", "E", "I", "O", "U":

print("The letter is an uppercase vowel")

default:

print("The letter is a consonant")

}

1. let temperature: Double = 75.0

switch temperature {

case 80...100:

print("It's hot outside. Stay hydrated.")

case 60..<80:

print("The weather is pleasant. Enjoy your day.")

case 40..<60:

print("It's a bit chilly. Wear a jacket.")

default:

print("Extreme weather conditions.")

}

1. var a: Int = 2

var b: Int = 3

var c: Int = 4

switch a {

case 1:

print("\(c)~", terminator: "")

case 2:

print("\(a)~", terminator: "")

switch b {

case 2:

print("\(a)~", terminator: "")

case 3:

print("\(b)~", terminator: "")

switch c {

case 4:

print("\(c)~", terminator: "")

case 3:

print("\(b)~", terminator: "")

default:

print("No matching case found")

}

default:

print("No matching case found")

}

default:

print("No number is matching")

}