**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 alphabet:Character="a"**

**switch alphabet {**

**case "a","A":**

**print("It is alphabet a or A")**

**case "b":**

**print("It is lower alphabet b")**

**case "C":**

**print("It is upper case alphabet C")**

**default:**

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

**}**

**Sol : It is alphabet a or A**

1. **let isVowel:Character="e"**

**switch isVowel {**

**case "a","e","i","o","u":**

**print("The alphabet is a lower case vowel")**

**case "A","E","I","O","U":**

**print("The alphabet is an upper case vowel")**

**default:**

**print("The alphabet is a consonant")**

**}**

**Sol: The alphabet is a lower case vowel**

1. **let isHot:Double = -10.0**

**switch isHot {**

**case 60...95:**

**print("It's really warm. Don't forget to wear sunscreen.")**

**case 35...60:**

**print("It's not that cold. Wear a t-shirt.")**

**case ..<35:**

**print("It's very cold. Consider wearing a scarf.")**

**default:**

**print("The temperature is Unbearable")**

**}**

**Sol: It's very cold. Consider wearing a scarf.**

1. **var x:Int=3**

**var y:Int=4**

**var z:Int=5**

**switch x {**

**case 5:**

**print("\(z)~",terminator:"")**

**case 3:**

**print("\(x)~",terminator:"")**

**switch y {**

**case 3:**

**print("\(x)~",terminator:"")**

**case 4:**

**print("\(y)~",terminator:"")**

**switch z {**

**case 5:**

**print("\(z)~",terminator:"")**

**case 4:**

**print("\(y)~",terminator:"")**

**default:**

**print("No Matching case found")**

**}**

**default:**

**print("No Matching Case found")**

**}**

**default:**

**print("No number is matching")**

**}**

**Sol:3~4~5**