

1.

The code below contains the While ... Do looping structure. Rewrite the code by converting the While.. Do looping structure to the Do .. until looping structure.

**BEGIN**

Declare Integer x = 1

Declare integer sum = 0

While ( x <= 5 )

Set sum = sum + x

Set x = x+ 2

End While

**END**

2.

The code below contains the Do .. Until looping structure. Rewrite the code by converting the Do ... until looping structure into while .. Do looping structure.

**BEGIN**

Declare Integer x = 1

Declare real sum = 0.0

x = 10

Do

Set sum = sum + x

Set x = x - 3

until ( x >= 5 )

**END**

3.

**Give the following pseudocode, determine the output.**

**BEGIN**

**Declare Integer intx = 1**

**Declare Integer inty = 1**

**While ( intx <= 5 )**

**Set inty = 1**

**While (inty <= 3 )**

**Display "Intx = ", intx, " while inty = ", inty**

**Set inty = inty + 3**

**End While**

**Set intx = intx + 2**

**End While**

**END**