**PRACTICAL 2**

1. Create three vectors using colon operator, sequence function and combine(c) function.

| Solution: |
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1. Create vector named “Student” containing components: Name, Age, Percentage(float). Display the contents on the screen. (Note: Observe the conversion of values to another type.)

| Solution: |
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1. Write a syntax to declare a vector P=(1,1,1,2,2,4,4,4,4,6,6,6,6,6) using rep() function

| Solution: |
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1. Write a syntax to declare a vector Q=(1,2,3,4,5,1,2,3,4,5,1,2,3) using rep() function with length.out parameter.

| Solution: |
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1. Perform the following operations :
   1. Create vector “Marks” that contains marks of 5 subjects.
   2. Find out total marks.
   3. Display the 1st and 3rd components from the vector “Marks”
   4. Remove 2nd component from vector “Marks” and display the vector.

| Solution: |
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1. Write a R program to add, subtract two vectors of type integer.

| Solution: |
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1. Create matrix A that contains 1 to 9 numbers arranged by row.

| Solution: |
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. 8. Create the vector:

(1*;* 2*;* 3*; : : : ;* 19*;* 20)

Solution:

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9.Create the vector:

(20; 19; : : : ; 2; 1)

Solution:

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10.(4*;* 6*;* 3) and assign it to the name tmp.

Solution:

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11.For parts (e), (f) and (g) look at the help for the function rep.

(e) (4*;* 6*;* 3*;* 4*;* 6*;* 3*; : : : ;* 4*;* 6*;* 3) where there are 10 occurrences of 4.

Solution

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(f) (4*;* 6*;* 3*;* 4*;* 6*;* 3*; : : : ;* 4*;* 6*;* 3*;* 4) where there are 11 occurrences of 4, 10 occurrences of 6 and 10 occurrences of 3.

Solution

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((g) (4*;* 4*; : : : ;* 4*;* 6*;* 6*; : : : ;* 6*;* 3*;* 3*; : : : ;* 3) where there are 10 occurrences of 4, 20 occurrences of 6 and 30 occurrences of 3.

Solution

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Solution

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