***ASSIGNMENT-4***

***QUESTION NO.:-3***

***ALGORITHM:-***

*Main( )*

Step 1: Initialize ‘s’ and ‘d’ by ‘0’.

Step 2: t←Call ‘rand’ library function

Step 3: Read the range of number in ‘n’

Step 4: i←load the starting index of for loop which is 0.

Step 5: Repeat step 6 to 8 while (i<n) do,

Step 6: a[i]←t%10

Step 7: t←t/10

Step 8: i←i+1

Step 9: j←i-1

Step 10: Repear step 11 to 12 while (j≥0) do,

Step 11: s←s\*10+a[j]

Step 12: j←j-1

Step 13: i←load the starting index of for loop which is 1.

Step 14: Repeat step 15 to 22 while (i≤5) do,

Step 15: Read the number in ‘a’ which is compare with random number.

Step 16: If (a<s) then go to step 17,

Otherwise go to step 18

Step 17: Print “Input number is lesser”

Step 18: If (a=s) then go to step 19 to 20,

Otherwise go to step 21

Step 19: Print “Input number is equal”

Step 20: d←store value ‘1’ and go to step 23

Step 21: Print “Input number is grater”

Step 22: i←i+1

Step 23: If (d=0) then go to step 24,

Step 24: Print “Times out”

Step 25: END