Introductory Programming UESTC1005

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You will need to complete the demonstration of this week lab and submit this report into BB (it will be added into your portfolio of work).

Exercise 6: if conditional

Task_A: Follow the instructions in Week 7 Lab manual and past your screen short of your result here.

```
There is number between 1 to 32.

And you will have 5 chances to guess it. Input the number you guess:16 Too high.
Input the number you guess:8 Too high.
Input the number you guess:6 Too low.
Input the number you guess:7 Correct!
You win. _
```

```
There is number between 1 to 32.
And you will have 5 chances to guess it.
Input the number you guess:2
Too low.
Input the number you guess:3
Too low.
Input the number you guess:4
Too low.
Input the number you guess:5
Too low.
Input the number you guess:6
Input the number you guess:5
Input the number you guess:6
Input
```

Task_B: Please attach your source code here.

```
#define _CRT_SECURE_NO_WARNINGS #include<stdio.h>
#include<s
#include<
 loat getRand() {
              return rand() / (RAND_MAX + 1.0);
   t guess(int a) {
              int answer, correct_answer;
              scanf("%d", &answer); correct_answer = a;
if (answer == correct_answer) {
               else if (answer < correct_answer) {
  nt main() {
               "There is number between 1 to 32.\nAnd you will have 5 chances to guess it.\n" srand(time(NULL));
             srand(time;
getRand();
int a = getRand() * 32 + 1;
if (guess(a) == 1) {
printf('You win.");
               else if (guess(a) == 1) {
    printf("You win.");
              }
else if (guess(a) == 1) {
    printf("You win.");
               else if (guess(a) == 1) {
    printf("You win.");
                else if (guess(a) == 1) {
```

Exercise 7: While loops

Task_A: Follow the instructions in Week 7 Lab manual and past your screen short of your result here.

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```

Task_B: Please attach your source code here.

```
#define _CRT_SECURE_NO_WARNINGS
#include<stdio.h>
#include<stdio.h>
#include<stdlib.h>
#include<time.h>
float getRand() {
            return rand() / (RAND_MAX + 1.0);
  t a(int x) {
             return getRand()*x;
  nt main() {
            srand(time(NULL));
int guess = 0, n = 1, c, d = 10000;
do {
                          guess = a(32);
                          if (n>guess) {
                                                      printf("Too high!\n");
                                                      .
C++;
                                       }
else if (n<guess) {
    printf("Too low!\n");
                                                     printf("Correct!\n");
break;
                          }getchar();
                          if (c<d) {
                                        d = c;
            } while (c>4);
"The best is %d times.\n"
             getchar();
```