

CERTIFICATE OF COMPLETION

**This is to certify that the following students**

Aimen Aisha 2018-SE- 133

Syed Shahzaib Zafar 2018-SE-117

**Have successfully completed their Semester Final project .**

**“Hangman Game”**

**In the partial fulfillment of the Degree of Bachelor of Science in Software Engineering.**

(Signature of Advisor: Remove it in printing)

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Name of Advisor

Designation SSUET

**PREFACE:**

It is a great opportunity for us to have the BACHELOR OF SOFTWARE ENGINEERING from SIR SYED UNIVERSITY OF ENGINEERING AND TECHNOLOGY. In the accomplishment of first semester we are submitting a project in which we have design program on. “Hangman Game” Subject to the limitation of time , efforts and resources every possible attempt has been made to study the project deeply the whole project is measured through the questionnaire the data further analyzed and interpreted and the result was obtain.

**SEMESTER PROJECT REPORT**

**B.S. Software Engineering, Batch 2018**

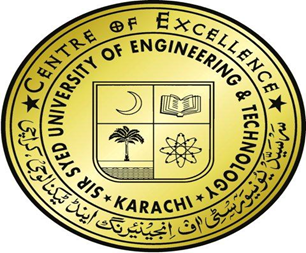
Submitted by

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**ABSTRACT:**

Our Project is based on the information about Hangman Game. The project aims at developing a game using the C language that is a word searching game. It also effectively applies the various C concepts such as switch case and user define functions.

The application uses basic C function to generate menus, show details and print text on the screen. To display customized text with colors according to application requirements, functions have been created in the application.

**ACKNOWLEDGEMENT:**

We would like to express our sincere gratitude to our supervisor Sir Imran Saleem for providing invaluable guidance, comments and suggestions throughout the course of the project. I would specially thanks to Sir Imran Saleem for constantly motivating us to work harder. We also acknowledge our teachers that throughout our studies helps us and guides us, departmental staff, university staff or other then this.

**SOURCE CODE:**

**Declaration:**

int i,

a,

b;

char c,

name[]="",

t,

num,

array[]="\_o\_a\_d\_",

array1[]="\_h\_n\_",

array2[]="\_e\_",

array3[]="d\_\_r”,

array4[]="\_r\_b\_c",

array5[]="\_m\_r\_t\_s",

array6[]="\_i\_l\_n\_",

array7[]="\_h\_k\_s\_e\_r\_",

array8[]="\_u\_i\_e\_",

array9[]="\_h\_r\_a\_i\_t",

array10[]="\_a\_n\_i\_e",

array11[]="\_e\_r\_";

**Printf Function:**

printf("\n\n\n\n\n\n\n\n\n\n\t\t\t\t\t\t\tWORD SEARCH GAME\n\n\t\t\t\t\t\t\t================\n\n\t\t\t\t\t\t\t1-START GAME\n\n\t\t\t\t\t\t\t2-RULES\n\n\t\t\t\t\t\t\t3-EXIT\n\n");

**Scanf Function:**

scanf("%d",&a);

**If Else Statement:**

if(num=='l')

{

t=num;

num=array[4];

array[4]=t;

printf("\t\t\t\t");

for(i=0;i<=6;i++)

{

printf("\t%c",array[i]);

}

printf("\n\n\n");

}

else if(num=='r')

{

t=num;

num=array[0];

array[0]=t;

printf("\t\t\t\t");

for(i=0;i<=6;i++)

{

printf("\t%c",array[i]);

}

printf("\n\n\n");

}

else if(num=='n')

{

t=num;

num=array[2];

array[2]=t;

printf("\t\t\t\t");

for(i=0;i<=6;i++)

{

printf("\t%c",array[i]);

}

printf("\n\n\n");

}

else if(num=='o')

{

t=num;

num=array[6];

array[6]=t;

printf("\t\t\t\t");

for(i=0;i<=6;i++)

{

printf("\t%c",array[i]);

}

printf("\n\n\n");

}

else

{

printf("wrong guess");

}

**Swapping:**

t=num;

num=array[6];

array[6]=t;

**For Loop:**

for(i=0;i<=6;i++)

{

printf("\t%c",array[i]);

}

**Output:**

