**“HANGMAN.C”**

#include<stdio.h>

#include<conio.h>

#include<string.h>

Int main()

{

char word[30],getword[20],pname[50],\*ptr,ch;

int len,count=0,num=0,c=0,I,j,k=0,m=0,n=0,o,p;

clrscr();

printf(“\nEnter the Game word: “);

gets(word);

len=strlen(word)+3; //3 is added due to it gives more three chance during mistake

printf(“\nEnter Player Name: “);

scanf(“%s”,pname);

printf(“\nLet’s start our Game”);

ch=’\_’;

printf(“\nSee Here”);

for(i=0;i<len-3;i++) //subtract 3 due to we only length of string

printf(“%c”,ch);

for(i=0;i<len;i++) //Game loop starts

{

k=1;

num=num+1;

printf(“\n\n %d Guess any letter from(a-z): “,num);

scanf(“%s”,&getword[num]);

ptr=strchr(word,getword[num]); // find first occurrence of a character in string

if(ptr)

{

for(l=0,p=1;i!=len;i++,p++)

{

If(getword[num]==word[l])

m++;

else

m=m;

}

for(l=num;i>0;l--)

{

If(getword[num]==word[l])

n++;

else

n=n;

}

If(m>n)

{

count=count+1;

printf(“\n OK \n”);

for(j=0;getword[num]!=word[j];j++)

k++;

ch=getword[num];

printf(“\nGusseed word is matched: %c\n”,getword[num]);

printf(“\nWord matched position: %d\n”,k);

printf(“\n\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\n”);

}

else

{

count=count;

printf(“\nNot Again!”);

}

}

else

{

count=count;

c++;

if(c==1)

printf(“\n\_\_\_\_\_\_\_\n| |\n| (@)\n|\n|\n|\n|\n”);

else if(c==2)

printf(“\n\_\_\_\_\_\_\_\n| |\n| (@)\n| / --\n|\n|\n|\n”);

else if(c==3)

printf(“\n\_\_\_\_\_\_\_\n| |\n| (@)\n| / ||--\n|\n|\n|\n”);

else if(c==4)

{

printf(“\n\_\_\_\_\_\_\_\n| |\n| (@)\n| / ||--\n| //\n|\n| HANGED!!\n”);

printf(“\nYou LOST the game due to 4-mistakes done by you”);

break;

}

}

}

printf(“\nThe word is ‘%s’\n”,word);

printf(“\nYour count is %d out of %d”,count,len);

getch();

return 0;

}