**ASSIGNMENT NO: 114**

**A Pig Latin word is a word that begins with consonant sound; all letters before the initial vowel are placed at the end of the word sequence. Then “ay” is added ,as in the following example:**

**“pig” “igpy”**

***Program code:***

#include <stdio.h>

#include <string.h>

int main()

{

char s[20],s1[10],s2[8];

int i=0,l,j=0,k=0;

printf("Enter a string: ");

gets(s);

l=strlen(s);

if(s[0]=='a'||s[0]=='e'||s[0]=='i'||s[0]=='o'||s[0]=='u')

puts(s);

else

{

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

{

if(s[i]=='a'||s[i]=='e'||s[i]=='i'||s[i]=='o'||s[i]=='u')

break;

else

s1[i]=s[i];

}

s1[i]='\0';

for(j=i;s[j]!='\0';j++)

{

s2[k++]=s[j];

}

s2[k]='\0';

puts(strcat((strcat(s2,s1)),"ay"));

}

return 0;

}

***Output:***

Enter a string: Akash

ashAkay