#include<stdio.h>

#include<conio.h>

void main()

{

char ch;

printf("enter any character:");

scanf("%c",&ch);

if(((ch>='A')&&(ch<='Z'))||((ch>='a')&&(ch<='z')))

{

printf("alphabet\n");

}

else

{

if(ch>=0)

{

printf("digit\n");

}

else

{

printf("special symbol\n");

}

}

getch();

}

Out put:

enter any character:u

alphabet

enter any character:D

alphabet

enter any character:3

digit