```c
// Input a character. WAP that check whethe the char is upper case letter,
// lower case letter, digit, white spaces or symbol.
#include<stdio.h>
#include<conio.h>

void main()
{
      char c;
      clrscr();
      printf("Enter a character:");
      scanf("%c",&c);
      if(c>='A' && c<='Z')
            printf("\n %c is in upper case",c);
      else if(c>='a' && c<='z')
            printf("\n %c is in lower case",c);
      else if(c>='0' && c<='9')
            printf("\n %c is a digit",c);
      else if(c==' ')
            printf("\n %c is space",c);
      else
            printf("\n %c is a symbol",c);
      getch();
}
```