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```c
#include <stdio.h>
#include <stdlib.h>
#include<conio.h>
#define CTRLZ 26
int main()
{
    int c;
    printf("enter characters: ");
    c = getch();
    while(c != CTRLZ)
    {
        putch(c);
        if(isalnum())
            printf("\nit is an alpha or a digit");
        if(isdigit(c))
            printf("\nit is a digit");
        if(isalpha(c))
            printf("\nit is an alpha");
        if(isspace(c))
            printf("\nit is a space");
        if(isupper(c))
            printf("\nit is upper case");
        if(islower(c))
            printf("\nit is lower case");

        printf("\nenter characters: ");
        c = getch();
    }
    putch('\n');
    system("pause");
    return 0;
}
```