

```
/*Items addressed in this example:
  characters
  reading a character
  printing a character
  immediate character
  relational operators
  logical operators
  flushing the input buffer
  while loop
  priming while loop
  updating while loop
  relational operators
  logical operators
*/
#include <stdio.h>
#include <stdlib.h>
int main(int argc, char *argv[])
{
    char character;
    printf("Enter an upper case character: ");
    fflush(stdin);
    scanf("%c",&character);
    while(character >= 'A' && character <= 'Z')
    {
        printf("The character is %c whose ASCII value is %d\n",character, character);
        printf("Enter an upper case character: ");
        fflush(stdin);
        scanf("%c",&character);
    }
    system("PAUSE");
    return 0;
}
```