

6.2 Example Using for Loops

This program prints the letter O on the screen. The function may be used to display several letters.

```
#include <stdio.h>
#define BLOCK "*"

void PrintBlock(int H1, int W1, char *C1, int W2, char *C2, int W3, char *C3)
{
    int r,c;

    for (r = 1; r <= H1; r++)
    {
        for (c = 1; c <= W1; c++)
            printf(C1);
        for (c = 1; c <= W2; c++)
            printf(C2);
        for (c = 1; c <= W3; c++)
            printf(C3);
        printf("\n");
    }
}

int main( void )
{
    PrintBlock(3,40,"*",0," ",0," ");
    PrintBlock(6,10,"*",20," ",10,"*");
    PrintBlock(3,40,"*",0," ",0," ");
    return 0;
}
```

