Assignment 1 Solution

EX1:

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

int main()
{
    printf("c programming");
    return 0;
}
```

EX2:

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

int main()
{
    int num;
    printf("enter a integer: ");
    scanf("%d", &num);
    printf("you entered: %d", num);
    return 0;
}
```

EX3:

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

int main()
{
    int num1, num2, sum;

    printf("enter 2 integers: ");
    scanf("%d %d", &num1, &num2);

    sum = num1 + num2;
    printf("sum: %d", sum);
    return 0;
}
```

EX4:

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

int main()
{
```

```c
    float num1, num2, mul;

    printf("enter 2 integers: ");
    scanf("%f %f", &num1, &num2);

    mul = num1 * num2;
    printf("product: %f", mul);
    return 0;
}
```

EX5:
```c
#include <stdio.h>
#include <stdlib.h>

int main()
{
    char num;

    printf("Enter a character: ");
    scanf("%c", &num);

    printf("ASCII value of G = %d", num);
    return 0;
}
```

EX6:
```c
#include <stdio.h>
#include <stdlib.h>

int main()
{
    int num1, num2, temp;

    printf("Enter value of a: ");
    scanf("%d", &num1);
    printf("Enter value of b: ");
    scanf("%d", &num2);

    temp = num1;
    num1 = num2;
    num2 = temp;

    printf("After swapping, value of a = %d\n", num1);
    printf("After swapping, value of b = %d", num2);
    return 0;
}
```

EX7:
```c
#include <stdio.h>
#include <stdlib.h>

int main()
{
    int num1, num2;

    printf("Enter value of a: ");
    scanf("%d", &num1);
    printf("Enter value of b: ");
    scanf("%d", &num2);

    num1 = num1 + num2;
    num2 = num1 - num2;
    num1 = num1 - num2;

    printf("After swapping, value of a = %d\n", num1);
    printf("After swapping, value of b = %d", num2);
    return 0;
}
```