

Lab 1

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Lab section: B02

Course: ENCM 335

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Assignment: Lab 1

Exercise A:

Code:

```
#include <stdio.h>

int add3(int x, int y, int z)
{
    return x + y + z;
}

int main(void)
{
    int a, b, c;
    a = 3;
    b = 5;
    c = 7;
    printf("%d + %d + %d is %d\n",
           a, b, c, add3(a, b, c));
    printf("%d + %d + %d is %d\n",
           b, c, 11, add3(b, c, 11));
    return 0;
}
```

Output:

```
> cd desktop/'ENCM 335'/Lab1
> gcc -Wall lab1exA.c -o a
> ./a
3 + 5 + 7 is 15
5 + 7 + 11 is 23
```

Exercise B:

Code:

```
#include <stdio.h>

double mult3(double x, double y, double z)
{
    return x * y * z;
}

int main(void)
{
    double a, b, c;
```

```
a = -1.5;
b = 2.5;
c = 3.5;
printf("%.1f * %.1f * %.1f is %.3f\n",
       a, b, c, mult3(a, b, c));
printf("%.1f * %.1f * %.1f is %.3f\n",
       b, c, 4.5, mult3(b, c, 4.5));
return 0;

}
```

Output:

```
> gcc -Wall lab1exB.c -o b
> ./b
-1.5 * 2.5 * 3.5 is -13.125
2.5 * 3.5 * 4.5 is 39.375
```

#encm335