Contents

1 Lab #1

1.1 Lab tasks

1.1.1 Question 1: Make a square of astrics.

```c
#include <stdio.h>

int main() {

  int lim = 5;
  for (int x = 0; x < lim; x++) {

    for (int y = 0; y < lim; y++) {

      printf("*");
    }
    printf("\n");
  }
}
```

1.1.2 Question 2: Find the product of two numbers.

```c
#include <stdio.h>

int main() {

  int a, b;
```

```c
  printf("Enter the first number: "); scanf("%d", &a);
  printf("Enter the second number: "); scanf("%d", &b);
  printf("%d", (a * b));
}
```

1.1.3 Question 3: Input two numbers and return the float sum and the integer sum.

```c
#include <stdio.h>

int main() {

  int a; float b;

  printf("Enter the first (int) number: "); scanf("%d", &a);
  printf("Enter the second (float) number: "); scanf("%f", &b);

  printf("Float output   -> %.2f\n", (a + b));
  printf("Integer output -> %d\n", (a + (int) b));

}
```