

Lecture 5

Date → 11/9/20

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→ Steps

- i) New project
- (ii) Win 32 console application
- (iii) name and location.
- (iv) Also not selecting empty project

→ A window opens

Select Application Type

Take → (console)

use precompiled header

and then finish.

→ `stdafx.h` : Header file included

→ To build press F7 or go to build → build sol^n

→ If the build succeeds then following message is displayed.

" build: 1 succeeded, 0 failed"

→ Start without debugging (Ctrl + F5)

→ Use F10 to step over each instruction.

→ Bubble Sort

```
void sorting(int arr, int n) {
```

```
    for (int i=0; i<n; i++) {
```

```
        for (int j=i+1; j<n; j++) {
```

```
            if (arr[i] > arr[j]) {
```

```
                int tmp = arr[i];
```

```
                arr[i] = arr[j];
```

```
                arr[j] = tmp;
```

```
            }
```

```
        }
```

```
    }
```

```
    for (int i=0; i<n; i++)
```

```
        printf("%d\n", arr[i]);
```

```
}
```