Week 1: II

Exercise 2

../2/conversion.h

```
1  #ifndef _CONVERSIONT
2  #define _CONVERSIONT
3
4  template <typename OutputT, typename InputT>  // Two types
5  OutputT as(InputT &inputVar)                  // Return outT, input inT
6  {
7     return static_cast<OutputT>(inputVar);     // Cast inT to outT
8  };
9
10 #endif
```

../2/main.ih

```
1  #define ERR(msg) printf("%s : %d", (msg), __LINE__)
2
3  #include "conversion.h"
4
5  #include <iostream>     // For testing/printing
6
7  using namespace std;
```

../2/main.cc

```
1  #include "main.ih"
2
3  int main(int argc, char const **argv)
4  {
5     int chVal = 'X';
6     cout << as<char>(chVal) << '\n';
7  }
```