My process for the add\_numbers and subtract\_numbers functions was simple. The increment and decrement values are both positive, so I don’t have to account for them as negative values. For the add\_number function I find the max value of the data type using the numeric\_limits::max() function. I then subtract the increment from the max to find the limit that my function can increment to before causing an overflow. If that threshold is crossed, then I return with a value of 99 which displays a message that an overflow has occurred. The subtract\_numbers is the same except backwards. I find the lowest value for each data type via numberic\_limits::lowest() and then add the decrement to find this functions limit. If the limit is crossed the value 99 is returned and an underflow message will display.



