1. Give the expression for printing OUTPUT is V using the variable char charA = A; by using type casting and manipulating it (as shown in the examples in **Type Casting**).
   1. System.out.println("OUTPUT is "+ (char)(21 + charA));
2. Are there certain numbers that do not work as input of Manipulate?
   1. If your input is not the right data type it get an error/logic error.
3. Are there any output differences between float and double numbers in Manipulate?
   1. The float output has less decimals figures then double. Double is more accurate.
4. Can the result of some operation on two large integers be converted into a short without loosing information? If so, what would be such an operation?
   1. Yes, there is a way, you can make the big number into a bunch of small numbers. Make an int into a bunch of shorts. Short is (16 bit and int is 32 bit)
   2. The operation of division