

1. Write Hack Assembly Program to add two values.
2. Write Hack Assembly Program to perform the following operations
  - a.  $a-b+c$  where  $a,b,c$  are variables in high level programming language
  - b.  $(a+b) - (c+d)$  where  $a,b,c,d$  are variables in high level programming language
3. Write Hack Assembly Program to swap two values.