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CPSC 2190-M02  
Lab 8  
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renzgabrinao@Ralphs-MBP lab8 % python3 lab8.py
would you like to encrypt or decrypt a message?
press 1 for encrypt, 2 for decrypt.
1
enter block size: 6
enter message to encrypt.
all characters must be letters:
discretemath
enter original permutation of the set.
permutation must be in the set from [1 to 6].
o(1) = 5
o(2) = 6
o(3) = 3
o(4) = 2
o(5) = 1
o(6) = 4
Final Message:
RCSEDITAMHTE
enter 'y' to continue.
y
would you like to encrypt or decrypt a message?
press 1 for encrypt, 2 for decrypt.
2
enter block size: 6
enter message to encrypt.
all characters must be letters:
RCSEDITAMHTE
enter original permutation of the set.
permutation must be in the set from [1 to 6].
o(1) = 5
o(2) = 6
o(3) = 3
o(4) = 2
o(5) = 1
o(6) = 4
Final Message:
DISCRETEMATH
enter 'y' to continue.
n
```

```
renzgabrinao@Ralphs-MBP lab8 % python3 lab8.py
would you like to encrypt or decrypt a message?
press 1 for encrypt, 2 for decrypt.
1
enter block size: 4
enter message to encrypt.
all characters must be letters:
PIRATEATTACK
enter original permutation of the set.
permutation must be in the set from [1 to 4].
o(1) = 3
o(2) = 1
o(3) = 4
o(4) = 2
Final Message:
IAPRETTAAKTC
enter 'y' to continue.
y
would you like to encrypt or decrypt a message?
press 1 for encrypt, 2 for decrypt.
2
enter block size: 4
enter message to encrypt.
all characters must be letters:
SWUETRAEOEHS
enter original permutation of the set.
permutation must be in the set from [1 to 4].
o(1) = 3
o(2) = 1
o(3) = 4
o(4) = 2
Final Message:
USEWATERHOSE
enter 'y' to continue.
n
```