Excercises

Labs 1a

Ex 1 calculation process

- Convert the given binary number to a decimal value

- **01100111 00100011 11010110 00111001**
- **10111111 11011110 11011101 11101011**
- **01000010 10000001 00100100 00011000**
- **01010101 10101010 00110011 11001100**

Ex 2 calculation process

- Convert the given decimal to binary

- **98.144.23.107**

- **164.11.110.37**

- **200.66.188.244**

- **255.74.132.12**

Ex 3 calculation process

- Convert the given hexadecimal to binary

- **FBAC8766**

- **8973DDA0**

- **1928F6D5**

Ex 4 calculation process

- Convert the given binary to hexadecimal

- **01100111 00100011 11010110 00111001**

- **10111111 11011110 11011101 11101011**

- **01000010 10000001 00100100 00011000**

Ex 5 calculation process

- What is proper network address for given subnet mask and IP address

- **a. 98.144.23.107 /10, /19, /28**

- **b. 164.11.110.37 /8, /16, /24**

- **c. 200.66.188.244 /14 / 21 /30**

QA

L1 C