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1) Code:q1.c
   Output:

```
sista@ubuntu:~/NP/lab/ex6$ gcc -o q1 q1.c
sista@ubuntu:~/NP/lab/ex6$ ./q1
Uses little endian byte ordering
sista@ubuntu:~/NP/lab/ex6$ 
```

2)
   a) Code:q2_1.c
      Output:

```
sista@ubuntu:~/NP/lab/ex6$ gcc -o q2_1 q2_1.c
sista@ubuntu:~/NP/lab/ex6$ ./q2_1
my_htons(0x1234) = 0x3412
sista@ubuntu:~/NP/lab/ex6$ 
```

   b) Code:q2_2.c
      Output:

```
sista@ubuntu:~/NP/lab/ex6$ gcc -o q2_2 q2_2.c
sista@ubuntu:~/NP/lab/ex6$ ./q2_2
my_htonl(0x12345678) = 0x78563412
sista@ubuntu:~/NP/lab/ex6$ 
```

3) Code:q3.c
   Output:

```
sista@ubuntu:~/NP/lab/ex6$ gcc -o q3 q3.c
sista@ubuntu:~/NP/lab/ex6$ ./q3 fileQ3.txt
Read using readInt:1
Read using readFloat:1.100000
sista@ubuntu:~/NP/lab/ex6$ 
```

4) Code:q4.c
   Output:

```
sista@ubuntu:~/NP/lab/ex6$ gcc -o q4 q4.c
sista@ubuntu:~/NP/lab/ex6$ ./q4
Serialized array is:
2
15
3
3
10
8
10
11
2
7
Deserialized array is:
2
15
3
3
10
8
10
11
2
7
sista@ubuntu:~/NP/lab/ex6$ ▊
```

5)

   a) Code:q5_1.c
      Output:

```
sista@ubuntu:~/NP/lab/ex6$ gcc -o q5_1 q5_1.c
sista@ubuntu:~/NP/lab/ex6$ ./q5_1
domain name or ip address is requried as argument
sista@ubuntu:~/NP/lab/ex6$ ./q5_1 www.google.com
Resolved IP Address: 119.119.119.46
sista@ubuntu:~/NP/lab/ex6$ ./q5_1 119.119.119.46
IPv4 Address in Human-readable Form: 119.119.119.46
sista@ubuntu:~/NP/lab/ex6$ ▊
```

b) Code:q5_2.c
   Output:

```
sista@ubuntu:~/NP/lab/ex6$ gcc -o q5_2 q5_2.c
sista@ubuntu:~/NP/lab/ex6$ ./q5_2 www.google.com
1142.250.182.36
142.250.182.36
142.250.182.36
sock_ntop_host: unknown AF_xxx: 10, len 28
sock_ntop_host: unknown AF_xxx: 10, len 28
sock_ntop_host: unknown AF_xxx: 10, len 28
sista@ubuntu:~/NP/lab/ex6$
```