```
Please enter your full name:Adrian Lozada

Please select the practice item: 1
Please convert 189 to unsigned 8 - bit binary representation : 10111101
          Exellent!
Continue? (y/n): y

Please convert 79 to unsigned 8 - bit binary representation : 01001111
          Exellent!
Continue? (y/n): y

Please convert 217 to unsigned 8 - bit binary representation : 11011001
          Exellent!
Continue? (y/n): y

Please convert 131 to unsigned 8 - bit binary representation : 10000011
          Exellent!
Continue? (y/n): y

Please convert 193 to unsigned 8 - bit binary representation : 11000001
          Exellent!
Continue? (y/n): n

Name: Adrian Lozada
You have completed 5 conversions of unsigned decimal integers to binary.
You have done 5 correctly.
```

```
1. convert unsigned decimal numbers to binary numbers (8 bits)
2. convert unsigned binary numbers to decimal numbers
3. convert unsigned decimal numbers to octal numbers
4. convert unsigned octal numbers to decimal numbers
5. convert unsigned decimal numbers to hexdecimal numbers
6. convert unsigned hexdecimal numbers to decimal numbers
7. convert signed decimal numbers to sign - magnitude binary numbers
8. convert signed decimal numbers to 1's complementary binary numbers
9. convert signed decimal numbers to 2's complementary binary numbers
10. convert sign - magnitude binary numbers to decimal numbers
11. convert 1's complementary binary numbers to decimal numbers
12. Convert 2's complementary binary numbers to decimal numbers
13. 1's complement arithmetic operation
14. 2's complement arithmetic operation

Please enter your full name:Adrian Lozada

Please select the practice item: 2
Please convert 10110010 to unsigned decimal representation: 178
          Exellent!
Continue? (y/n): y

Please convert 10000100 to unsigned decimal representation: 132
          Exellent!
Continue? (y/n): y

Please convert 10101010 to unsigned decimal representation: 170
          Exellent!
Continue? (y/n): y

Please convert 10010010 to unsigned decimal representation: 146
          Exellent!
Continue? (y/n): y

Please convert 11110010 to unsigned decimal representation: 242
          Exellent!
Continue? (y/n): n

Name: Adrian Lozada
You have completed 5 conversions of unsigned Binary to decimal.
You have done 5 correctly.
```

```
Please select the practice item: 3
Please convert 237 to unsigned octal representation : 355
        Exellent!
Continue? (y/n): y

Please convert 49 to unsigned octal representation : 61
        Exellent!
Continue? (y/n): y

Please convert 235 to unsigned octal representation : 353
        Exellent!
Continue? (y/n): y

Please convert 157 to unsigned octal representation : 235
        Exellent!
Continue? (y/n): y

Please convert 174 to unsigned octal representation : 256
        Exellent!
Continue? (y/n): n

Name: Adrian Lozada
You have completed 5 conversions of unsigned decimal integers to octal.
You have done 5 correctly.
```

```
1. convert unsigned decimal numbers to binary numbers (8 bits)
2. convert unsigned binary numbers to decimal numbers
3. convert unsigned decimal numbers to octal numbers
4. convert unsigned octal numbers to decimal numbers
5. convert unsigned decimal numbers to hexdecimal numbers
6. convert unsigned hexdecimal numbers to decimal numbers
7. convert signed decimal numbers to sign - magnitude binary numbers
8. convert signed decimal numbers to 1's complementary binary numbers
9. convert signed decimal numbers to 2's complementary binary numbers
10. convert sign - magnitude binary numbers to decimal numbers
11. convert 1's complementary binary numbers to decimal numbers
12. Convert 2's complementary binary numbers to decimal numbers
13. 1's complement arithmetic operation
14. 2's complement arithmetic operation


Please select the practice item: 4
Please convert 30627 to unsigned decimal representation: 12695
         Exellent!
Continue? (y/n): y

Please convert 47710 to unsigned decimal representation: 20424
         Exellent!
Continue? (y/n): y

Please convert 51663 to unsigned decimal representation: 21427
         Exellent!
Continue? (y/n): y

Please convert 55105 to unsigned decimal representation: 23109
         Exellent!
Continue? (y/n): y

Please convert 67705 to unsigned decimal representation: 28613
         Exellent!
Continue? (y/n): n

Name: Adrian Lozada
You have completed 5 conversions of unsigned Octal to decimal.
You have done 5 correctly.
```

```
1. convert unsigned decimal numbers to binary numbers (8 bits)
2. convert unsigned binary numbers to decimal numbers
3. convert unsigned decimal numbers to octal numbers
4. convert unsigned octal numbers to decimal numbers
5. convert unsigned decimal numbers to hexdecimal numbers
6. convert unsigned hexdecimal numbers to decimal numbers
7. convert signed decimal numbers to sign - magnitude binary numbers
8. convert signed decimal numbers to 1's complementary binary numbers
9. convert signed decimal numbers to 2's complementary binary numbers
10. convert sign - magnitude binary numbers to decimal numbers
11. convert 1's complementary binary numbers to decimal numbers
12. Convert 2's complementary binary numbers to decimal numbers
13. 1's complement arithmetic operation
14. 2's complement arithmetic operation


Please select the practice item: 5
Please convert 222 to unsigned hexdecimal representation: DE
         Exellent!
Continue? (y/n): y

Please convert 110 to unsigned hexdecimal representation: 6E
         Exellent!
Continue? (y/n): y

Please convert 226 to unsigned hexdecimal representation: E2
         Exellent!
Continue? (y/n): y

Please convert 83 to unsigned hexdecimal representation: 53
         Exellent!
Continue? (y/n): y

Please convert 194 to unsigned hexdecimal representation: C2
         Exellent!
Continue? (y/n): n

Name: Adrian Lozada
You have completed 5 conversions of unsigned decimal integers to hexdecimal.
You have done 5 correctly.
```

```
1. convert unsigned decimal numbers to binary numbers (8 bits)
2. convert unsigned binary numbers to decimal numbers
3. convert unsigned decimal numbers to octal numbers
4. convert unsigned octal numbers to decimal numbers
5. convert unsigned decimal numbers to hexdecimal numbers
6. convert unsigned hexdecimal numbers to decimal numbers
7. convert signed decimal numbers to sign - magnitude binary numbers
8. convert signed decimal numbers to 1's complementary binary numbers
9. convert signed decimal numbers to 2's complementary binary numbers
10. convert sign - magnitude binary numbers to decimal numbers
11. convert 1's complementary binary numbers to decimal numbers
12. Convert 2's complementary binary numbers to decimal numbers
13. 1's complement arithmetic operation
14. 2's complement arithmetic operation


Please select the practice item: 6
Please convert 776F to unsigned decimal representation: 30575
         Exellent!
Continue? (y/n): y

Please convert E888 to unsigned decimal representation: 59528
         Exellent!
Continue? (y/n): y

Please convert 5033 to unsigned decimal representation: 20531
         Exellent!
Continue? (y/n): y

Please convert F1A6 to unsigned decimal representation: 61862
         Exellent!
Continue? (y/n): y

Please convert 1FC4 to unsigned decimal representation: 8132
         Exellent!
Continue? (y/n): n

Name: Adrian Lozada
You have completed 5 conversions of unsigned Hexdecimal to decimal.
You have done 5 correctly.
```