**Day-1 Evening Assignment**

**--k.sarath phani.**

**1) 14 data types in sequence:**

**byte - I byte**

**ushort – 2 bytes**

**uint – 4 bytes**

**ulong – 8 bytes**

**sbyte – 1 byte**

**short – 2 bytes**

**int – 4 bytes**

**long – 8 bytes**

**float -4 bytes**

**double – 8 bytes**

**decimal – 16bytes**

**bool – (true or flase)**

**char – 2 bytes**

**string – depends on strings.**

**2) There are 4 four types of number system**

**\* Binary number system.**

**[ 0 to 1]**

**\* Octal number system.**

**[0 to 7]**

**\* Decimal number system.**

We are using this decimal number in dailylife.

**[0 to 9]**

**\* Hexadecimal number system.**

**[0 to 9] [A to F]**

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**Memory unit –**

1 bit [small unit] can store 0 or 1.

1 bit [big number] is stored in ‘1’ .

1 byte = 8 bits[ 11111111] binary number to convert decimal number

255 . its biggest decimal number in byte. (0 to 255)

2 bytes = ( 0 to 65535)1111111111111111 (16 bits)

**3) convert decimal to binary :**

**55 is 110111**

**24 is 11000**

**18 is 10010**

**4) convert binary to decimal :**

**10110 is 22**

**1011 is 11**

**101110 is 46**