What is ? In Dreferance x I writing with memory In Preferance & I referance & I referance & I referance & I referance & I reference & I refere

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Pointer is a variable that stere the memer address
                                                          fanother Variable
                                                                                    Hexadescimel
                                                   int NVM = 10
  // @m_abrazeg
  int num = 10:
  cout << <u>(</u>&num )< "\n" ; // 0x61fea4
   string str = "Koko";
  cout << &str << "\n"; // @x61fe8c
                                   Naturess = Address = get add of any yar.
  const double pi = 3.14;
10 cout << &pi << "\n"; // 0x8c7f88
12 cout << 0x61fea4 << "\n"; // 6422180
13 cout << 0x61fe8c << "\n"; // 6422156
14 cout << 0x8c7f88 << "\n"; // 9207688
```

where $int \times p = 8 \times i$ but b = t = 8 b

```
1 // How To Declare Pointers
2 int* ptr , N , *p;
3 string * str_ptr;
4
5 // Initialize Pointers [NULL address of variable ]
6 ptr = NULL;
7 str_ptr = 0;)
8
9 bool isValid = true;
10 bool * bl ptr = &isValid;
11
12 // How To Access Pointers
13 cout << &bl_ptr << " "<< bl_ptr << " "\n";
14 // 0x61feb0 0x61feb7 1
```

int N = 0 TXP= nully int n = 60int * P= nullptie P= 8 n;

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n = 6 とよろい 5/30 2° *1 $P=6\chi3073$

```
1  // @m_abrazeg
2
3  // arrow operator ( -> )
4  string handle "@m_abrazeg";
5  string* h = &handle;
6  cout << h << " " << &handle << "\n"; // 0x61fee4 0x61fee4
7
8  cout << h->at(0) << " " << handle[0] << "\n"; // @ @
9
10  cout << h->size() << " " << handle.size() << "\n"; // 10
11
12  cout << (*h).size() << endl; // 10</pre>
```

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