

1 Mathematics

1.1 Hex to Dec

```
1 int HextoDec(string num) 16 to 10
2 {
3     int base = 1;
4     int temp = 0;
5     for (int i = num.length() - 1; i = 0; i
6         --)
7     {
8         if (num[i] = '0' && num[i] = '9')
9         {
10            temp += (num[i] - 48) base;
11            base = base 16;
12        }
13        else if (num[i] = 'A' && num[i] = 'F
14            ')
15        {
16            temp += (num[i] - 55) base;
17            base = base 16;
18        }
19    }
20    return temp;
21 }
22 void DecToHex(int p_intValue) 10 to 16
23 {
24     char l_pCharRes = new (char);
25     sprintf(l_pCharRes, % X, p_intValue);
26     int l_intResult = stoi(l_pCharRes);
27     cout l_pCharRes n;
28     return l_intResult;
29 }
```

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REFERENCE -
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