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Batch: - M7

Code:-

```cpp
#include <iostream>
using namespace std;
string encrypt(string text,int s)
{
        string result="";
        for(int i=0;i<text.length();i++)
        {
        //Decrypt Uppercase letters
                if(isupper(text[i]))
                        result+=char(int(text[i]+s-65)%26 +65);
        //Decrypt Lowercase letters
        else
                result+=char(int(text[i]+s-97)%26 +97);
        }
        return result;
}

int main()
{
        string text;
        cout<<"Enter text to  decrypt"<<endl;
```

```cpp
    cin>>text;

    int s = 5;

    cout<<"Text :"<<text;

    cout<<"\nShift:" << s;

    s = s%26;

    cout<<"\nCipher:"<<encrypt(text, 26-s);

    return 0;

}
```

```
PS C:\Users\gupta\OneDrive\Documents\NS> cd "c:\Users\gupta
\OneDrive\Documents\NS\" ; if ($?) { g++ expt2_dn.cpp -o ex
pt2_dn } ; if ($?) { .\expt2_dn }
Enter text to  decrypt
FGHijk
Text :FGHijk
Shift:5
Cipher:ABCdef
```