Cyphers.cpp File Reference

```
#include <iostream>
```

Go to the source code of this file.

Functions

void	**CaesarEncrypt** (int offst, std::string source, std::string &result)
void	**CaesarDecrypt** (int offst, std::string source, std::string &result)
int	**main** (int argc, char **argv)

Function Documentation

◆ CaesarDecrypt()

```
void CaesarDecrypt ( int          offst,
                     std::string  source,
                     std::string & result
                   )
```

```
Decryption function that uses Caesar cypher.
    It only works with letters.
    The remaining symbols are unaffected.
```

Parameters

[in] **offst** -> number of times to rotate counterclockwise

[in] **source** -> string to decrypt

[out] **result** -> decrypted string

See also

CaesarEncrypt()

Definition at line **63** of file **Cyphers.cpp**.

◆ CaesarEncrypt()

```
void CaesarEncrypt ( int          offst,
                     std::string  source,
                     std::string &  result
                   )
```

```
Encryption function that uses Caesar cypher.
    This kind of cypher rotates the alphabet a designated
    number of letters.
    If the displacemente is 3, 'A' becomes 'D',
    'B' becomes 'E' and so on.
    It only works with letters.
    The remaining symbols are unaffected.
```

Parameters

[in] **offst** -> number of times to rotate clockwise

[in] **source** -> string to encrypt

[out] **result** -> string to decrypt

See also

CaesarDecrypt()

Definition at line 35 of file Cyphers.cpp.

◆ main()

```
int main ( int        argc,
           char **  argv
         )
```

Test application

Definition at line 87 of file Cyphers.cpp.