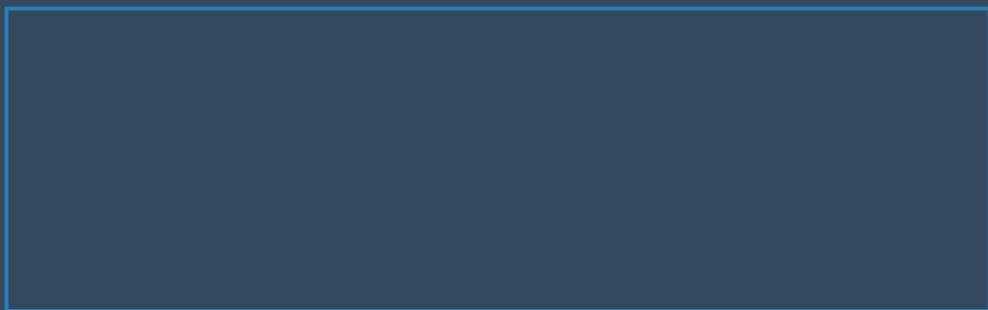


# Cryptography Suite

## Source Code Documentation

Advanced Cryptography Application - Source Code Documentation



**File 1/223****CryptoApp.java**

*Lines: 500 | Size: 24,581 bytes | Type: .java*

```
1 | import ciphers.*;
```

**File 2/223****generate\_code\_pdf.py***Lines: 373 | Size: 12,930 bytes | Type: .py*1 | `#!/usr/bin/env python3`

**File 3/223****PROJECT\_SOURCE\_CODE.txt**

*Lines: 9425 | Size: 306,717 bytes | Type: .txt*

1 |

**File 4/223****zip\_source.py***Lines: 28 | Size: 1,055 bytes | Type: .py*

1 |

**File 5/223**

ciphers\A1Z26CipherPanel.java

*Lines: 53 | Size: 1,762 bytes | Type: .java*

1 | package ciphers;

**File 6/223**

ciphers\ADFGVXCipherPanel.java

*Lines: 245 | Size: 8,169 bytes | Type: .java*

1 | package ciphers;

**File 7/223**

ciphers\ADFGXCipherPanel.java

*Lines: 22 | Size: 636 bytes | Type: .java*

1 | package ciphers;

**File 8/223**

ciphers\AESCBCPPanel.java

*Lines: 117 | Size: 4,140 bytes | Type: .java*

1 | package ciphers;

**File 9/223**

ciphers\AESCTRPanel.java

*Lines: 117 | Size: 4,137 bytes | Type: .java*

1 | package ciphers;

## File 10/223

ciphers\AESGCMPanel.java

Lines: 117 | Size: 4,207 bytes | Type: .java

```
1 | package ciphers;
```

## File 11/223

ciphers\AESPanel.java

Lines: 61 | Size: 2,065 bytes | Type: .java

```
1 | package ciphers;
```

## File 12/223

### ciphers\AffineCipherPanel.java

Lines: 98 | Size: 3,178 bytes | Type: .java

```
1 | package ciphers;
```

## File 13/223

ciphers\AlbertiCipherPanel.java

Lines: 22 | Size: 642 bytes | Type: .java

```
1 | package ciphers;
```

**File 14/223**

ciphers\AlhambraCipherPanel.java

*Lines: 21 | Size: 644 bytes | Type: .java*

1 | package ciphers;

**File 15/223**

ciphers\AlliedShiftCipherPanel.java

*Lines: 24 | Size: 664 bytes | Type: .java*

1 | package ciphers;

## File 16/223

ciphers\AlphanumericSubstitutionPanel.java

Lines: 56 | Size: 1,770 bytes | Type: .java

```
1 | package ciphers;
```

**File 17/223**

ciphers\AmericanCipherDiskPanel.java

*Lines: 21 | Size: 656 bytes | Type: .java*

1 | package ciphers;

**File 18/223**

ciphers\ARIAPanel.java

*Lines: 21 | Size: 613 bytes | Type: .java*

1 | package ciphers;

## File 19/223

ciphers\ASCIIShiftCipherPanel.java

Lines: 46 | Size: 1,394 bytes | Type: .java

```
1 | package ciphers;
```

## File 20/223

ciphers\AtbashCipherPanel.java

Lines: 40 | Size: 1,128 bytes | Type: .java

```
1 | package ciphers;
```

## File 21/223

ciphers\AutokeyCipherPanel.java

Lines: 61 | Size: 2,092 bytes | Type: .java

```
1 | package ciphers;
```

## File 22/223

### ciphers\AutomaticSubstitutionPanel.java

Lines: 21 | Size: 664 bytes | Type: .java

```
1 | package ciphers;
```

**File 23/223**

ciphers\BaconianCipherPanel.java

*Lines: 51 | Size: 1,906 bytes | Type: .java*

1 | package ciphers;

## File 24/223

ciphers\BaseCipherPanel.java

Lines: 357 | Size: 13,119 bytes | Type: .java

```
1 | package ciphers;
```

**File 25/223**

ciphers\BazeriesCipherPanel.java

*Lines: 22 | Size: 645 bytes | Type: .java*

1 | package ciphers;

## File 26/223

ciphers\BealeCipherPanel.java

Lines: 21 | Size: 635 bytes | Type: .java

```
1 | package ciphers;
```

**File 27/223**

ciphers\BeaufortCipherPanel.java

*Lines: 51 | Size: 1,528 bytes | Type: .java*

1 | package ciphers;

## File 28/223

ciphers\BeaufortVariantCipherPanel.java

Lines: 21 | Size: 666 bytes | Type: .java

```
1 | package ciphers;
```

**File 29/223**

ciphers\BEECHCipherPanel.java

*Lines: 21 | Size: 635 bytes | Type: .java*

1 | package ciphers;

## File 30/223

ciphers\BellasoCipherPanel.java

Lines: 21 | Size: 641 bytes | Type: .java

```
1 | package ciphers;
```

## File 31/223

### ciphers\BifidCipherPanel.java

Lines: 22 | Size: 636 bytes | Type: .java

```
1 | package ciphers;
```

## File 32/223

ciphers\BinaryCipherPanel.java

Lines: 45 | Size: 1,455 bytes | Type: .java

```
1 | package ciphers;
```

**File 33/223**

ciphers\BlowfishPanel.java

*Lines: 116 | Size: 4,182 bytes | Type: .java*

1 | package ciphers;

## File 34/223

ciphers\BookCipherPanel.java

Lines: 22 | Size: 633 bytes | Type: .java

```
1 | package ciphers;
```

## File 35/223

ciphers\BruceCodePanel.java

Lines: 21 | Size: 629 bytes | Type: .java

```
1 | package ciphers;
```

## File 36/223

ciphers\BurrowsWheelerCipherPanel.java

Lines: 21 | Size: 663 bytes | Type: .java

```
1 | package ciphers;
```

## File 37/223

ciphers\BurrowsWheelerPanel.java

Lines: 21 | Size: 643 bytes | Type: .java

```
1 | package ciphers;
```

## File 38/223

ciphers\CadenusCipherPanel.java

Lines: 22 | Size: 642 bytes | Type: .java

```
1 | package ciphers;
```

## File 39/223

ciphers\CaesarCipherPanel.java

Lines: 76 | Size: 2,405 bytes | Type: .java

```
1 | package ciphers;
```

**File 40/223**

ciphers\CalypsoCipherPanel.java

*Lines: 21 | Size: 641 bytes | Type: .java*

1 | package ciphers;

**File 41/223**

ciphers\CamelliaPanel.java

*Lines: 21 | Size: 625 bytes | Type: .java*

1 | package ciphers;

**File 42/223**

ciphers\CardanGrillePanel.java

*Lines: 21 | Size: 637 bytes | Type: .java*

1 | package ciphers;

**File 43/223**

ciphers\Cast128Panel.java

*Lines: 21 | Size: 622 bytes | Type: .java*

1 | package ciphers;

**File 44/223**

ciphers\Cast256Panel.java

*Lines: 21 | Size: 622 bytes | Type: .java*

1 | package ciphers;

**File 45/223**

ciphers\ChaCha20Panel.java

*Lines: 22 | Size: 626 bytes | Type: .java*

1 | package ciphers;

**File 46/223**

ciphers\ChaChaCipherPanel.java

*Lines: 21 | Size: 638 bytes | Type: .java*

1 | package ciphers;

**File 47/223**

ciphers\ChaoCipherPanel.java

*Lines: 21 | Size: 632 bytes | Type: .java*

1 | package ciphers;

**File 48/223**

ciphers\ChineseRemainderCipherPanel.java

*Lines: 24 | Size: 697 bytes | Type: .java*

1 | package ciphers;

**File 49/223**

ciphers\ClefiaPanel.java

*Lines: 21 | Size: 619 bytes | Type: .java*

1 | package ciphers;

## File 50/223

ciphers\ColumnarTranspositionPanel.java

Lines: 78 | Size: 2,697 bytes | Type: .java

```
1 | package ciphers;
```

## File 51/223

ciphers\CombinedCipherDiskPanel.java

Lines: 21 | Size: 656 bytes | Type: .java

```
1 | package ciphers;
```

## File 52/223

ciphers\ConjugatedCipherPanel.java

Lines: 21 | Size: 650 bytes | Type: .java

```
1 | package ciphers;
```

**File 53/223**

ciphers\CopticCipherPanel.java

*Lines: 21 | Size: 638 bytes | Type: .java*

1 | package ciphers;

## File 54/223

### ciphers\CramerShoupPanel.java

Lines: 21 | Size: 634 bytes | Type: .java

```
1 | package ciphers;
```

## File 55/223

ciphers\CryptogramSubstitutionPanel.java

Lines: 21 | Size: 667 bytes | Type: .java

```
1 | package ciphers;
```

## File 56/223

### ciphers\\DancingMenCipherPanel.java

Lines: 21 | Size: 650 bytes | Type: .java

```
1 | package ciphers;
```

**File 57/223**

ciphers\DESPanel.java

*Lines: 115 | Size: 4,070 bytes | Type: .java*

1 | package ciphers;

**File 58/223**

ciphers\DoubleColumnarTranspositionPanel.java

*Lines: 186 | Size: 6,016 bytes | Type: .java*

1 | package ciphers;

## File 59/223

ciphers\DoubleDESPanel.java

Lines: 145 | Size: 5,386 bytes | Type: .java

```
1 | package ciphers;
```

## File 60/223

### ciphers\DoublePlayfairPanel.java

Lines: 21 | Size: 643 bytes | Type: .java

```
1 | package ciphers;
```

## File 61/223

### ciphers\DoubleTranspositionPanel.java

Lines: 21 | Size: 658 bytes | Type: .java

```
1 | package ciphers;
```

## File 62/223

### ciphers\DraconianShiftPanel.java

Lines: 21 | Size: 643 bytes | Type: .java

```
1 | package ciphers;
```

## File 63/223

ciphers\E0BluetoothPanel.java

Lines: 21 | Size: 634 bytes | Type: .java

```
1 | package ciphers;
```

## File 64/223

ciphers\ECBModePanel.java

Lines: 21 | Size: 622 bytes | Type: .java

```
1 | package ciphers;
```

**File 65/223**

ciphers\ECCPanel.java

*Lines: 21 | Size: 610 bytes | Type: .java*

1 | package ciphers;

**File 66/223**

ciphers\Edon80Panel.java

*Lines: 21 | Size: 619 bytes | Type: .java*

1 | package ciphers;

**File 67/223**

ciphers\ElGamalPanel.java

*Lines: 21 | Size: 622 bytes | Type: .java*

1 | package ciphers;

**File 68/223**

ciphers\EllipticCurveCipherECCPanel.java

*Lines: 21 | Size: 672 bytes | Type: .java*

1 | package ciphers;

**File 69/223**

ciphers\EnigmaMachinePanel.java

*Lines: 22 | Size: 642 bytes | Type: .java*

1 | package ciphers;

## File 70/223

### ciphers\ExponentialCipherPanel.java

Lines: 21 | Size: 653 bytes | Type: .java

```
1 | package ciphers;
```

**File 71/223**

ciphers\ExtendedVigenerePanel.java

*Lines: 21 | Size: 649 bytes | Type: .java*

1 | package ciphers;

**File 72/223**

ciphers\ExtendedVigenrePanel.java

*Lines: 21 | Size: 648 bytes | Type: .java*

1 | package ciphers;

**File 73/223**

ciphers\FialkaCipherPanel.java

*Lines: 21 | Size: 638 bytes | Type: .java*

1 | package ciphers;

**File 74/223**

ciphers\FourSquareCipherPanel.java

*Lines: 29 | Size: 868 bytes | Type: .java*

1 | package ciphers;

## File 75/223

ciphers\FractionatedMorsePanel.java

Lines: 24 | Size: 688 bytes | Type: .java

```
1 | package ciphers;
```

## File 76/223

ciphers\FreemasonCipherPanel.java

Lines: 22 | Size: 645 bytes | Type: .java

```
1 | package ciphers;
```

**File 77/223**

ciphers\FrequencyCipherPanel.java

*Lines: 21 | Size: 647 bytes | Type: .java*

1 | package ciphers;

**File 78/223**

ciphers\FringeCipherPanel.java

*Lines: 21 | Size: 638 bytes | Type: .java*

1 | package ciphers;

**File 79/223**

ciphers\GaderypolukiPanel.java

*Lines: 21 | Size: 637 bytes | Type: .java*

1 | package ciphers;

## File 80/223

### ciphers\GaloisCounterModePanel.java

Lines: 21 | Size: 652 bytes | Type: .java

```
1 | package ciphers;
```

## File 81/223

ciphers\GEECipherPanel.java

Lines: 21 | Size: 629 bytes | Type: .java

```
1 | package ciphers;
```

**File 82/223**

ciphers\GIFTPanel.java

*Lines: 21 | Size: 613 bytes | Type: .java*

1 | package ciphers;

**File 83/223**

ciphers\GOSTPanel.java

*Lines: 21 | Size: 613 bytes | Type: .java*

1 | package ciphers;

## File 84/223

ciphers\GrainPanel.java

Lines: 21 | Size: 616 bytes | Type: .java

```
1 | package ciphers;
```

**File 85/223**

ciphers\GrilleCipherPanel.java

*Lines: 21 | Size: 638 bytes | Type: .java*

1 | package ciphers;

**File 86/223**

ciphers\GromarkCipherPanel.java

*Lines: 21 | Size: 641 bytes | Type: .java*

1 | package ciphers;

**File 87/223**

ciphers\GronsfeldCipherPanel.java

*Lines: 69 | Size: 1,991 bytes | Type: .java*

1 | package ciphers;

**File 88/223**

ciphers\HagelinM209Panel.java

*Lines: 21 | Size: 636 bytes | Type: .java*

1 | package ciphers;

## File 89/223

ciphers\HashBasedCipherPanel.java

Lines: 21 | Size: 647 bytes | Type: .java

```
1 | package ciphers;
```

## File 90/223

### ciphers\HashingPanel.java

Lines: 48 | Size: 1,411 bytes | Type: .java

```
1 | package ciphers;
```

## File 91/223

ciphers\HebernRotorMachinePanel.java

Lines: 21 | Size: 657 bytes | Type: .java

```
1 | package ciphers;
```

## File 92/223

ciphers\HebernRotorPanel.java

Lines: 21 | Size: 634 bytes | Type: .java

```
1 | package ciphers;
```

**File 93/223**

ciphers\HightPanel.java

*Lines: 21 | Size: 616 bytes | Type: .java*

1 | package ciphers;

**File 94/223**

ciphers\HillCipherPanel.java

*Lines: 106 | Size: 3,566 bytes | Type: .java*

1 | package ciphers;

## File 95/223

ciphers\HMACBasedSystemsPanel.java

Lines: 21 | Size: 651 bytes | Type: .java

```
1 | package ciphers;
```

**File 96/223**

ciphers\HMACPanel.java

*Lines: 21 | Size: 613 bytes | Type: .java*

1 | package ciphers;

## File 97/223

ciphers\HomophonicSubstitutionPanel.java

Lines: 21 | Size: 667 bytes | Type: .java

```
1 | package ciphers;
```

**File 98/223**

ciphers\HortonCipherPanel.java

*Lines: 21 | Size: 638 bytes | Type: .java*

1 | package ciphers;

**File 99/223**

ciphers\HuffmanCipherPanel.java

*Lines: 21 | Size: 641 bytes | Type: .java*

1 | package ciphers;

## File 100/223

ciphers\IDEALCipherPanel.java

Lines: 21 | Size: 635 bytes | Type: .java

```
1 | package ciphers;
```

**File 101/223**

ciphers\IDEAPanel.java

*Lines: 21 | Size: 613 bytes | Type: .java*

1 | package ciphers;

**File 102/223**

ciphers\IndirectSubstitutionPanel.java

*Lines: 21 | Size: 661 bytes | Type: .java*

1 | package ciphers;

**File 103/223**

ciphers\InversiveCipherPanel.java

*Lines: 21 | Size: 647 bytes | Type: .java*

1 | package ciphers;

**File 104/223**

ciphers\ISOStreamCiphersPanel.java

*Lines: 21 | Size: 651 bytes | Type: .java*

1 | package ciphers;

**File 105/223**

ciphers\ISOStreamPanel.java

*Lines: 21 | Size: 628 bytes | Type: .java*

1 | package ciphers;

**File 106/223**

ciphers\JCipherPanel.java

*Lines: 21 | Size: 623 bytes | Type: .java*

1 | package ciphers;

**File 107/223**

ciphers\JeffersonCylinderPanel.java

*Lines: 24 | Size: 688 bytes | Type: .java*

1 | package ciphers;

**File 108/223**

ciphers\JigsawCipherPanel.java

*Lines: 21 | Size: 638 bytes | Type: .java*

1 | package ciphers;

**File 109/223**

ciphers\JN25Panel.java

*Lines: 21 | Size: 613 bytes | Type: .java*

1 | package ciphers;

**File 110/223**

ciphers\KahnCipherPanel.java

*Lines: 21 | Size: 632 bytes | Type: .java*

1 | package ciphers;

**File 111/223**

ciphers\KasiskiSystemPanel.java

*Lines: 21 | Size: 641 bytes | Type: .java*

1 | package ciphers;

## File 112/223

ciphers\KasumiPanel.java

Lines: 21 | Size: 619 bytes | Type: .java

```
1 | package ciphers;
```

**File 113/223**

ciphers\KeyedCaesarPanel.java

*Lines: 21 | Size: 635 bytes | Type: .java*

1 | package ciphers;

**File 114/223**

ciphers\KeywordCipherPanel.java

*Lines: 59 | Size: 2,004 bytes | Type: .java*

1 | package ciphers;

**File 115/223**

ciphers\KleinPanel.java

*Lines: 21 | Size: 616 bytes | Type: .java*

1 | package ciphers;

**File 116/223**

ciphers\KlingonCipherPanel.java

*Lines: 21 | Size: 641 bytes | Type: .java*

1 | package ciphers;

## File 117/223

ciphers\KnapsackCipherPanel.java

Lines: 22 | Size: 645 bytes | Type: .java

```
1 | package ciphers;
```

**File 118/223**

ciphers\KyberPanel.java

*Lines: 21 | Size: 616 bytes | Type: .java*

1 | package ciphers;

**File 119/223**

ciphers\LatinSquareCipherPanel.java

*Lines: 22 | Size: 655 bytes | Type: .java*

1 | package ciphers;

**File 120/223**

ciphers\LavarandCipherPanel.java

*Lines: 21 | Size: 644 bytes | Type: .java*

1 | package ciphers;

**File 121/223**

ciphers\LBlockPanel.java

*Lines: 21 | Size: 619 bytes | Type: .java*

1 | package ciphers;

**File 122/223**

ciphers\LEDPanel.java

*Lines: 21 | Size: 610 bytes | Type: .java*

1 | package ciphers;

**File 123/223**

ciphers\LFSRCiphersPanel.java

*Lines: 21 | Size: 635 bytes | Type: .java*

1 | package ciphers;

**File 124/223**

ciphers\LinearSubstitutionPanel.java

*Lines: 21 | Size: 656 bytes | Type: .java*

1 | package ciphers;

**File 125/223**

ciphers\LogicalXORCipherPanel.java

*Lines: 21 | Size: 651 bytes | Type: .java*

1 | package ciphers;

**File 126/223**

ciphers\LorenzSZ40Panel.java

*Lines: 21 | Size: 631 bytes | Type: .java*

1 | package ciphers;

**File 127/223**

ciphers\M138CipherPanel.java

*Lines: 21 | Size: 633 bytes | Type: .java*

1 | package ciphers;

**File 128/223**

ciphers\M209Panel.java

*Lines: 22 | Size: 623 bytes | Type: .java*

1 | package ciphers;

## File 129/223

ciphers\M94CipherPanel.java

Lines: 21 | Size: 630 bytes | Type: .java

```
1 | package ciphers;
```

**File 130/223**

ciphers\MACBaconCipherPanel.java

*Lines: 21 | Size: 645 bytes | Type: .java*

1 | package ciphers;

**File 131/223**

ciphers\MalbolgeEncryptionPanel.java

*Lines: 21 | Size: 656 bytes | Type: .java*

1 | package ciphers;

**File 132/223**

ciphers\MarsPanel.java

*Lines: 21 | Size: 613 bytes | Type: .java*

1 | package ciphers;

**File 133/223**

ciphers\MatrixCipherPanel.java

*Lines: 21 | Size: 638 bytes | Type: .java*

1 | package ciphers;

**File 134/223**

ciphers\McEliecePanel.java

*Lines: 21 | Size: 625 bytes | Type: .java*

1 | package ciphers;

**File 135/223**

ciphers\MerkleHellmanPanel.java

*Lines: 21 | Size: 641 bytes | Type: .java*

1 | package ciphers;

**File 136/223**

ciphers\Misty1Panel.java

*Lines: 21 | Size: 619 bytes | Type: .java*

1 | package ciphers;

**File 137/223**

ciphers\ModularCipherPanel.java

*Lines: 21 | Size: 641 bytes | Type: .java*

1 | package ciphers;

## File 138/223

ciphers\MonoalphabeticSubstitutionPanel.java

Lines: 21 | Size: 680 bytes | Type: .java

```
1 | package ciphers;
```

**File 139/223**

ciphers\MorseCodePanel.java

*Lines: 59 | Size: 2,229 bytes | Type: .java*

1 | package ciphers;

**File 140/223**

ciphers\MyszkowskiTranspositionPanel.java

*Lines: 21 | Size: 671 bytes | Type: .java*

1 | package ciphers;

**File 141/223**

ciphers\NATOCodePanel.java

*Lines: 21 | Size: 626 bytes | Type: .java*

1 | package ciphers;

**File 142/223**

ciphers\NihilistCipherPanel.java

*Lines: 22 | Size: 645 bytes | Type: .java*

1 | package ciphers;

**File 143/223**

ciphers\NoekeonPanel.java

*Lines: 21 | Size: 622 bytes | Type: .java*

1 | package ciphers;

**File 144/223**

ciphers\NTRUPanel.java

*Lines: 21 | Size: 613 bytes | Type: .java*

1 | package ciphers;

**File 145/223**

ciphers\NullCipherPanel.java

*Lines: 22 | Size: 633 bytes | Type: .java*

1 | package ciphers;

**File 146/223**

ciphers\NumberStationCiphersPanel.java

*Lines: 21 | Size: 663 bytes | Type: .java*

1 | package ciphers;

**File 147/223**

ciphers\ObfuscatedTranspositionPanel.java

*Lines: 21 | Size: 671 bytes | Type: .java*

1 | package ciphers;

**File 148/223**

ciphers\OctalCipherPanel.java

*Lines: 21 | Size: 635 bytes | Type: .java*

1 | package ciphers;

**File 149/223**

ciphers\OneTimePadPanel.java

*Lines: 22 | Size: 634 bytes | Type: .java*

1 | package ciphers;

## File 150/223

ciphers\OTARCipherPanel.java

Lines: 21 | Size: 632 bytes | Type: .java

```
1 | package ciphers;
```

**File 151/223**

ciphers\OutOfBandCipherPanel.java

*Lines: 21 | Size: 649 bytes | Type: .java*

1 | package ciphers;

**File 152/223**

ciphers\PaddingOracleCipherPanel.java

*Lines: 21 | Size: 660 bytes | Type: .java*

1 | package ciphers;

**File 153/223**

ciphers\PanamaPanel.java

*Lines: 21 | Size: 619 bytes | Type: .java*

1 | package ciphers;

**File 154/223**

ciphers\PasigraphyCipherPanel.java

*Lines: 21 | Size: 650 bytes | Type: .java*

1 | package ciphers;

**File 155/223**

ciphers\PBKDF2BasedSystemsPanel.java

*Lines: 21 | Size: 657 bytes | Type: .java*

1 | package ciphers;

**File 156/223**

ciphers\PermutationCipherPanel.java

*Lines: 22 | Size: 654 bytes | Type: .java*

1 | package ciphers;

**File 157/223**

ciphers\PigpenCipherPanel.java

*Lines: 21 | Size: 638 bytes | Type: .java*

1 | package ciphers;

**File 158/223**

ciphers\PlayfairCipherPanel.java

*Lines: 168 | Size: 4,956 bytes | Type: .java*

1 | package ciphers;

**File 159/223**

ciphers\PolybiusSquarePanel.java

*Lines: 68 | Size: 2,372 bytes | Type: .java*

1 | package ciphers;

## File 160/223

ciphers\PortaCipherPanel.java

Lines: 102 | Size: 3,494 bytes | Type: .java

```
1 | package ciphers;
```

**File 161/223**

ciphers\PresentPanel.java

*Lines: 21 | Size: 622 bytes | Type: .java*

1 | package ciphers;

## File 162/223

### ciphers\PrimeNumberCipherPanel.java

Lines: 21 | Size: 654 bytes | Type: .java

```
1 | package ciphers;
```

**File 163/223**

ciphers\PrincePanel.java

*Lines: 21 | Size: 619 bytes | Type: .java*

1 | package ciphers;

## File 164/223

ciphers\PSKCipherPanel.java

Lines: 21 | Size: 629 bytes | Type: .java

```
1 | package ciphers;
```

## File 165/223

ciphers\PufferfishCipherPanel.java

Lines: 21 | Size: 650 bytes | Type: .java

```
1 | package ciphers;
```

## File 166/223

ciphers\QuadraticCipherPanel.java

Lines: 21 | Size: 647 bytes | Type: .java

```
1 | package ciphers;
```

## File 167/223

ciphers\QuagmireIIVPanel.java

Lines: 21 | Size: 636 bytes | Type: .java

```
1 | package ciphers;
```

**File 168/223**

ciphers\QuantumCiphersPanel.java

*Lines: 21 | Size: 644 bytes | Type: .java*

1 | package ciphers;

**File 169/223**

ciphers\RabbitPanel.java

*Lines: 21 | Size: 619 bytes | Type: .java*

1 | package ciphers;

**File 170/223**

ciphers\RailFenceCipherPanel.java

*Lines: 97 | Size: 2,953 bytes | Type: .java*

1 | package ciphers;

**File 171/223**

ciphers\RandomSubstitutionPanel.java

*Lines: 21 | Size: 656 bytes | Type: .java*

1 | package ciphers;

**File 172/223**

ciphers\RC2Panel.java

*Lines: 116 | Size: 4,093 bytes | Type: .java*

1 | package ciphers;

**File 173/223**

ciphers\RC4Panel.java

*Lines: 78 | Size: 2,541 bytes | Type: .java*

1 | package ciphers;

**File 174/223**

ciphers\RC5Panel.java

*Lines: 21 | Size: 610 bytes | Type: .java*

1 | package ciphers;

**File 175/223**

ciphers\RC6Panel.java

*Lines: 21 | Size: 610 bytes | Type: .java*

1 | package ciphers;

**File 176/223**

ciphers\RectanglePanel.java

*Lines: 21 | Size: 628 bytes | Type: .java*

1 | package ciphers;

**File 177/223**

ciphers\RedefenseCipherPanel.java

*Lines: 21 | Size: 647 bytes | Type: .java*

1 | package ciphers;

**File 178/223**

ciphers\RivestCiphersPanel.java

*Lines: 21 | Size: 641 bytes | Type: .java*

1 | package ciphers;

**File 179/223**

ciphers\ROT13Panel.java

*Lines: 42 | Size: 1,215 bytes | Type: .java*

1 | package ciphers;

**File 180/223**

ciphers\ROT1ROT47Panel.java

*Lines: 21 | Size: 629 bytes | Type: .java*

1 | package ciphers;

**File 181/223**

ciphers\RSAPanel.java

*Lines: 67 | Size: 2,136 bytes | Type: .java*

1 | package ciphers;

**File 182/223**

ciphers\Salsa20Panel.java

*Lines: 21 | Size: 622 bytes | Type: .java*

1 | package ciphers;

**File 183/223**

ciphers\ScytaleCipherPanel.java

*Lines: 73 | Size: 2,184 bytes | Type: .java*

1 | package ciphers;

**File 184/223**

ciphers\SeedPanel.java

*Lines: 21 | Size: 613 bytes | Type: .java*

1 | package ciphers;

**File 185/223**

ciphers\SerpentPanel.java

*Lines: 21 | Size: 622 bytes | Type: .java*

1 | package ciphers;

**File 186/223**

ciphers\SHABasedCiphersPanel.java

*Lines: 21 | Size: 648 bytes | Type: .java*

1 | package ciphers;

**File 187/223**

ciphers\ShiftCipherPanel.java

*Lines: 21 | Size: 635 bytes | Type: .java*

1 | package ciphers;

**File 188/223**

ciphers\SIGABAPanel.java

*Lines: 21 | Size: 619 bytes | Type: .java*

1 | package ciphers;

**File 189/223**

ciphers\SimonPanel.java

*Lines: 21 | Size: 616 bytes | Type: .java*

1 | package ciphers;

**File 190/223**

ciphers\SimpleSubstitutionPanel.java

*Lines: 89 | Size: 2,750 bytes | Type: .java*

1 | package ciphers;

## File 191/223

ciphers\SkipjackPanel.java

Lines: 22 | Size: 626 bytes | Type: .java

```
1 | package ciphers;
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**File 192/223**

ciphers\Snow3GPanel.java

*Lines: 21 | Size: 619 bytes | Type: .java*

1 | package ciphers;

**File 193/223**

ciphers\SolitaireCipherPanel.java

*Lines: 22 | Size: 648 bytes | Type: .java*

1 | package ciphers;

**File 194/223**

ciphers\SonofPermutationPanel.java

*Lines: 21 | Size: 651 bytes | Type: .java*

1 | package ciphers;

**File 195/223**

ciphers\SpartanScytalePanel.java

*Lines: 21 | Size: 644 bytes | Type: .java*

1 | package ciphers;

**File 196/223**

ciphers\SpeckPanel.java

*Lines: 21 | Size: 616 bytes | Type: .java*

1 | package ciphers;

## File 197/223

ciphers\SPNNetworkPanel.java

Lines: 21 | Size: 632 bytes | Type: .java

```
1 | package ciphers;
```

**File 198/223**

ciphers\StraddlingCheckerboardPanel.java

*Lines: 24 | Size: 703 bytes | Type: .java*

1 | package ciphers;

**File 199/223**

ciphers\StreamCipherPanel.java

*Lines: 21 | Size: 638 bytes | Type: .java*

1 | package ciphers;

**File 200/223**

ciphers\SwagmanCipherPanel.java

*Lines: 21 | Size: 641 bytes | Type: .java*

1 | package ciphers;

**File 201/223**

ciphers\TabulaRectaPanel.java

*Lines: 21 | Size: 635 bytes | Type: .java*

1 | package ciphers;

**File 202/223**

ciphers\TapCodePanel.java

*Lines: 21 | Size: 623 bytes | Type: .java*

1 | package ciphers;

**File 203/223**

ciphers\TEAPanel.java

*Lines: 21 | Size: 610 bytes | Type: .java*

1 | package ciphers;

**File 204/223**

ciphers\TemplarCipherPanel.java

*Lines: 21 | Size: 641 bytes | Type: .java*

1 | package ciphers;

**File 205/223**

ciphers\ThreeSquareCipherPanel.java

*Lines: 21 | Size: 654 bytes | Type: .java*

1 | package ciphers;

**File 206/223**

ciphers\TrifidCipherPanel.java

*Lines: 22 | Size: 639 bytes | Type: .java*

1 | package ciphers;

**File 207/223**

ciphers\TripleDESPanel.java

*Lines: 116 | Size: 4,138 bytes | Type: .java*

1 | package ciphers;

**File 208/223**

ciphers\TrithemeCipherPanel.java

*Lines: 37 | Size: 1,108 bytes | Type: .java*

1 | package ciphers;

**File 209/223**

ciphers\TwofishPanel.java

*Lines: 27 | Size: 719 bytes | Type: .java*

1 | package ciphers;

**File 210/223**

ciphers\TypexCipherPanel.java

*Lines: 21 | Size: 635 bytes | Type: .java*

1 | package ciphers;

**File 211/223**

ciphers\UltraCipherPanel.java

*Lines: 21 | Size: 635 bytes | Type: .java*

1 | package ciphers;

## File 212/223

ciphers\VernamCipherPanel.java

Lines: 50 | Size: 1,446 bytes | Type: .java

```
1 | package ciphers;
```

**File 213/223**

ciphers\VigenereCipherPanel.java

*Lines: 76 | Size: 2,418 bytes | Type: .java*

1 | package ciphers;

**File 214/223**

ciphers\XORCipherPanel.java

*Lines: 48 | Size: 1,304 bytes | Type: .java*

1 | package ciphers;

**File 215/223**

components\AnimatedSidebarButton.java

*Lines: 137 | Size: 4,747 bytes | Type: .java*

1 | package components;

**File 216/223**

components\CardPanel.java

*Lines: 30 | Size: 870 bytes | Type: .java*

1 | package components;

**File 217/223**

## components\ContentPanel.java

*Lines: 84 | Size: 2,563 bytes | Type: .java*

```
1 | package components;
```

**File 218/223**

components\CyberBackground.java

*Lines: 101 | Size: 3,245 bytes | Type: .java*

1 | package components;

**File 219/223**

components\DarkScrollPane.java

*Lines: 39 | Size: 1,134 bytes | Type: .java*

1 | package components;

## File 220/223

### components\NeonButton.java

Lines: 59 | Size: 1,894 bytes | Type: .java

```
1 | package components;
```

## File 221/223

### components\PerformanceGraph.java

Lines: 91 | Size: 2,780 bytes | Type: .java

```
1 | package components;
```

## File 222/223

### components\SplashScreen.java

Lines: 83 | Size: 2,814 bytes | Type: .java

```
1 | package components;
```

**File 223/223**

components\Theme.java

*Lines: 23 | Size: 1,130 bytes | Type: .java*

1 | package components;

# Table of Contents

CryptoApp.java	2
generate_code_pdf.py	3
PROJECT_SOURCE_CODE.txt	4
zip_source.py	5
ciphers\A1Z26CipherPanel.java	6
ciphers\ADFGVXCipherPanel.java	7
ciphers\ADFGXCipherPanel.java	8
ciphers\AESCBCPanel.java	9
ciphers\AESCTRPanel.java	10
ciphers\AESGCMPanel.java	11
ciphers\AESPanel.java	12
ciphers\AffineCipherPanel.java	13
ciphers\AlbertiCipherPanel.java	14
ciphers\AlhambraCipherPanel.java	15
ciphers\AlliedShiftCipherPanel.java	16
ciphers\AlphanumericSubstitutionPanel.java	17
ciphers\AmericanCipherDiskPanel.java	18
ciphers\ARIAPanel.java	19
ciphers\ASCIIShiftCipherPanel.java	20
ciphers\AtbashCipherPanel.java	21
ciphers\AutokeyCipherPanel.java	22
ciphers\AutomaticSubstitutionPanel.java	23
ciphers\BaconianCipherPanel.java	24
ciphers\BaseCipherPanel.java	25
ciphers\BazeriesCipherPanel.java	26
ciphers\BealeCipherPanel.java	27
ciphers\BeaufortCipherPanel.java	28
ciphers\BeaufortVariantCipherPanel.java	29
ciphers\BEECHCipherPanel.java	30
ciphers\BellasoCipherPanel.java	31
ciphers\BifidCipherPanel.java	32
ciphers\BinaryCipherPanel.java	33
ciphers\BlowfishPanel.java	34
ciphers\BookCipherPanel.java	35
ciphers\BruceCodePanel.java	36
ciphers\BurrowsWheelerCipherPanel.java	37
ciphers\BurrowsWheelerPanel.java	38
ciphers\CadenusCipherPanel.java	39
ciphers\CaesarCipherPanel.java	40

ciphers\CalypsoCipherPanel.java	41
ciphers\CamelliaPanel.java	42
ciphers\CardanGrillePanel.java	43
ciphers\Cast128Panel.java	44
ciphers\Cast256Panel.java	45
ciphers\ChaCha20Panel.java	46
ciphers\ChaChaCipherPanel.java	47
ciphers\ChaoCipherPanel.java	48
ciphers\ChineseRemainderCipherPanel.java	49
ciphers\ClefiaPanel.java	50
ciphers\ColumnarTranspositionPanel.java	51
ciphers\CombinedCipherDiskPanel.java	52
ciphers\ConjugatedCipherPanel.java	53
ciphers\CopticCipherPanel.java	54
ciphers\CramerShoupPanel.java	55
ciphers\CryptogramSubstitutionPanel.java	56
ciphers\ DancingMenCipherPanel.java	57
ciphers\DESPanel.java	58
ciphers\DoubleColumnarTranspositionPanel.java	59
ciphers\DoubleDESPanel.java	60
ciphers\DoublePlayfairPanel.java	61
ciphers\DoubleTranspositionPanel.java	62
ciphers\DraconianShiftPanel.java	63
ciphers\E0BluetoothPanel.java	64
ciphers\ECBModePanel.java	65
ciphers\ECCPanel.java	66
ciphers\Edon80Panel.java	67
ciphers\ElGamalPanel.java	68
ciphers\EllipticCurveCipherECCPanel.java	69
ciphers\EnigmaMachinePanel.java	70
ciphers\ExponentialCipherPanel.java	71
ciphers\ExtendedVigenerePanel.java	72
ciphers\ExtendedVigenrePanel.java	73
ciphers\FialkaCipherPanel.java	74
ciphers\FourSquareCipherPanel.java	75
ciphers\FractionatedMorsePanel.java	76
ciphers\FreemasonCipherPanel.java	77
ciphers\FrequencyCipherPanel.java	78
ciphers\FringeCipherPanel.java	79
ciphers\GaderypolukiPanel.java	80
ciphers\GaloisCounterModePanel.java	81
ciphers\GEECipherPanel.java	82
ciphers\GIFTPanel.java	83

ciphers\GOSTPanel.java	84
ciphers\GrainPanel.java	85
ciphers\GrilleCipherPanel.java	86
ciphers\GromarkCipherPanel.java	87
ciphers\GronsfeldCipherPanel.java	88
ciphers\HagelinM209Panel.java	89
ciphers\HashBasedCipherPanel.java	90
ciphers\HashingPanel.java	91
ciphers\HebernRotorMachinePanel.java	92
ciphers\HebernRotorPanel.java	93
ciphers\HightPanel.java	94
ciphers\HillCipherPanel.java	95
ciphers\HMACBasedSystemsPanel.java	96
ciphers\HMACPanel.java	97
ciphers\HomophonicSubstitutionPanel.java	98
ciphers\HortonCipherPanel.java	99
ciphers\HuffmanCipherPanel.java	100
ciphers\IDEALCipherPanel.java	101
ciphers\IDEAPanel.java	102
ciphers\IndirectSubstitutionPanel.java	103
ciphers\InversiveCipherPanel.java	104
ciphers\ISOStreamCiphersPanel.java	105
ciphers\ISOStreamPanel.java	106
ciphers\JCipherPanel.java	107
ciphers\JeffersonCylinderPanel.java	108
ciphers\JigsawCipherPanel.java	109
ciphers\JN25Panel.java	110
ciphers\KahnCipherPanel.java	111
ciphers\KasiskiSystemPanel.java	112
ciphers\KasumiPanel.java	113
ciphers\KeyedCaesarPanel.java	114
ciphers\KeywordCipherPanel.java	115
ciphers\KleinPanel.java	116
ciphers\KlingonCipherPanel.java	117
ciphers\KnapsackCipherPanel.java	118
ciphers\KyberPanel.java	119
ciphers\LatinSquareCipherPanel.java	120
ciphers\LavarandCipherPanel.java	121
ciphers\LBlockPanel.java	122
ciphers\LEDPanel.java	123
ciphers\LFSRCiphersPanel.java	124
ciphers\LinearSubstitutionPanel.java	125
ciphers\LogicalXORCipherPanel.java	126

ciphers\LorenzSZ40Panel.java	127
ciphers\M138CipherPanel.java	128
ciphers\M209Panel.java	129
ciphers\M94CipherPanel.java	130
ciphers\MACBaconCipherPanel.java	131
ciphers\MalbolgeEncryptionPanel.java	132
ciphers\MarsPanel.java	133
ciphers\MatrixCipherPanel.java	134
ciphers\McEliecePanel.java	135
ciphers\MerkleHellmanPanel.java	136
ciphers\Misty1Panel.java	137
ciphers\ModularCipherPanel.java	138
ciphers\MonoalphabeticSubstitutionPanel.java	139
ciphers\MorseCodePanel.java	140
ciphers\MyśkowskiTranspositionPanel.java	141
ciphers\NATOCodePanel.java	142
ciphers\NihilistCipherPanel.java	143
ciphers\NoekeonPanel.java	144
ciphers\NTRUPanel.java	145
ciphers\NullCipherPanel.java	146
ciphers\NumberStationCiphersPanel.java	147
ciphers\ObfuscatedTranspositionPanel.java	148
ciphers\OctalCipherPanel.java	149
ciphers\OneTimePadPanel.java	150
ciphers\OTARCipherPanel.java	151
ciphers\OutofBandCipherPanel.java	152
ciphers\PaddingOracleCipherPanel.java	153
ciphers\PanamaPanel.java	154
ciphers\PasigraphyCipherPanel.java	155
ciphers\PBKDF2BasedSystemsPanel.java	156
ciphers\PermutationCipherPanel.java	157
ciphers\PigpenCipherPanel.java	158
ciphers\PlayfairCipherPanel.java	159
ciphers\PolybiusSquarePanel.java	160
ciphers\PortaCipherPanel.java	161
ciphers\PresentPanel.java	162
ciphers\PrimeNumberCipherPanel.java	163
ciphers\PrincePanel.java	164
ciphers\PSKCipherPanel.java	165
ciphers\PufferfishCipherPanel.java	166
ciphers\QuadraticCipherPanel.java	167
ciphers\QuagmireIIVPanel.java	168
ciphers\QuantumCiphersPanel.java	169

ciphers\RabbitPanel.java	170
ciphers\RailFenceCipherPanel.java	171
ciphers\RandomSubstitutionPanel.java	172
ciphers\RC2Panel.java	173
ciphers\RC4Panel.java	174
ciphers\RC5Panel.java	175
ciphers\RC6Panel.java	176
ciphers\RectanglePanel.java	177
ciphers\RedefenseCipherPanel.java	178
ciphers\RivestCiphersPanel.java	179
ciphers\ROT13Panel.java	180
ciphers\ROT1ROT47Panel.java	181
ciphers\RSAPanel.java	182
ciphers\Salsa20Panel.java	183
ciphers\ScytaleCipherPanel.java	184
ciphers\SeedPanel.java	185
ciphers\SerpentPanel.java	186
ciphers\SHABasedCiphersPanel.java	187
ciphers\ShiftCipherPanel.java	188
ciphers\SIGABAPanel.java	189
ciphers\SimonPanel.java	190
ciphers\SimpleSubstitutionPanel.java	191
ciphers\SkipjackPanel.java	192
ciphers\Snow3GPanel.java	193
ciphers\SolitaireCipherPanel.java	194
ciphers\SonofPermutationPanel.java	195
ciphers\SpartanScytalePanel.java	196
ciphers\SpeckPanel.java	197
ciphers\SPNNetworkPanel.java	198
ciphers\StraddlingCheckerboardPanel.java	199
ciphers\StreamCipherPanel.java	200
ciphers\SwagmanCipherPanel.java	201
ciphers\TabulaRectaPanel.java	202
ciphers\TapCodePanel.java	203
ciphers\TEAPanel.java	204
ciphers\TemplarCipherPanel.java	205
ciphers\ThreeSquareCipherPanel.java	206
ciphers\TrifidCipherPanel.java	207
ciphers\TripleDESPanel.java	208
ciphers\TrithemeCipherPanel.java	209
ciphers\TwofishPanel.java	210
ciphers\TypexCipherPanel.java	211
ciphers\UltraCipherPanel.java	212

ciphers\VernamCipherPanel.java	213
ciphers\VigenereCipherPanel.java	214
ciphers\XORCipherPanel.java	215
components\AnimatedSidebarButton.java	216
components\CardPanel.java	217
components\ContentPanel.java	218
components\CyberBackground.java	219
components\DarkScrollPane.java	220
components\NeonButton.java	221
components\PerformanceGraph.java	222
components\SplashScreen.java	223
components\Theme.java	224