**Coverage Report**  
(base) rutujaghate@Rutujas-MacBook-Air zuniswapv2 % forge coverage

[⠊] Compiling...

[⠃] Compiling 21 files with 0.8.10

[⠒] Solc 0.8.10 finished in 1.93s

Compiler run successful!

Analysing contracts...

Running tests...

| File | % Lines | % Statements | % Branches | % Funcs |

|------------------------------|------------------|------------------|----------------|----------------|

| src/UniswapV2Factory.sol | 100.00% (12/12) | 100.00% (19/19) | 100.00% (6/6) | 100.00% (1/1) |

| src/UniswapV2Library.sol | 100.00% (34/34) | 97.18% (69/71) | 87.50% (14/16) | 100.00% (8/8) |

| src/UniswapV2Pair.sol | 94.12% (64/68) | 95.65% (110/115) | 78.57% (22/28) | 100.00% (8/8) |

| src/UniswapV2Router.sol | 93.02% (40/43) | 95.31% (61/64) | 77.27% (17/22) | 100.00% (7/7) |

| src/libraries/Math.sol | 88.89% (8/9) | 91.67% (11/12) | 75.00% (3/4) | 100.00% (2/2) |

| src/libraries/UQ112x112.sol | 0.00% (0/2) | 0.00% (0/2) | 100.00% (0/0) | 0.00% (0/2) |

| test/UniswapV2Pair.t.sol | 54.55% (6/11) | 58.33% (7/12) | 0.00% (0/4) | 66.67% (2/3) |

| test/mocks/ERC20Mintable.sol | 0.00% (0/1) | 0.00% (0/1) | 100.00% (0/0) | 0.00% (0/1) |

| Total | 91.11% (164/180) | 93.58% (277/296) | 77.50% (62/80) | 87.50% (28/32) |

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