**TEST CASES AND EXPECTED RESULTS**

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| **TEST CASES** | **TEST SCENARIO** | **TEST DATA** | **EXPECTED RESULT** |
| 1 | Binary to Decimal | a)  Enter your choice : 1  Enter the number in Binary form : 1010  b)  Enter your choice : 1  Enter the number in Binary form : 5 | Equivalent Decimal number : 10  5 is not a Binary number |
| 2 | Binary to Octal | a)  Enter your choice : 2  Enter the number in Binary form : 1010  b)  Enter your choice : 2  Enter the number in Binary form : 8 | Equivalent Octal number : 12  8 is not a Binary number |
| 3 | Binary to Hexadecimal | a)  Enter your choice : 3  Enter the number in Binary form :1010  b)  Enter your choice : 3  Enter the number in Binary form :22 | Equivalent Hexadecimal number: A  22 is not a Binary number |
| 4 | Decimal to Binary | Enter your choice : 4  Enter the number in Decimal form : 8 | Equivalent Binary number : 1000 |
| 5 | Decimal to Octal | Enter your choice : 5  Enter the number in Decimal form : 8 | Equivalent Octal number : 10 |
| 6 | Decimal to Hexadecimal | Enter your choice : 6  Enter the number in Decimal form : 8 | Equivalent Hexadecimal number: 8 |
| 7 | Octal to Binary | a)  Enter your choice : 7  Enter the number in Octal form : 6  b)  Enter your choice : 7  Enter the number in Octal form : 8 | Equivalent Binary number : 110  8 is not a Octal number |
| 8 | Octal to Decimal | a)  Enter your choice : 8  Enter the number in Octal form : 6  b)  Enter your choice : 7  Enter the number in Octal form : 9 | Equivalent Decimal number : 6  9 is not a Octal number |
| 9 | Octal to Hexadecimal | a)  Enter your choice : 9  Enter the number in Octal form : 6  b)  Enter your choice : 7  Enter the number in Octal form : 8 | Equivalent Hexadecimal number : 6  8 is not a Octal number |
| 10 | Hexadecimal to Binary | a)  Enter your choice : 10  Enter the number in Hexadecimal form : B  b)  Enter your choice : 10  Enter the number in Hexadecimal form : K | Equivalent Binary number : 1011  K is not a Hexadecimal number |
| 11 | Hexadecimal to Decimal | a)  Enter your choice : 11  Enter the number in Hexadecimal form : B  b)  Enter your choice : 10  Enter the number in Hexadecimal form : Y | Equivalent Decimal number : 11  Y is not a Hexadecimal number |
| 12 | Hexadecimal to Octal | a)  Enter your choice : 11  Enter the number in Hexadecimal form : B  b)  Enter your choice : 10  Enter the number in Hexadecimal form : Q | Equivalent Decimal number : 13  Q is not a Hexadecimal number |