

1. Add, Multiply, Subtract, Divide two numbers

```
#include <stdio.h>
int main() {
    int a, b;
    printf("Enter two numbers: ");
    scanf("%d %d", &a, &b);
    printf("Add = %d\n", a + b);
    printf("Subtract = %d\n", a - b);
    printf("Multiply = %d\n", a * b);
    if(b != 0)
        printf("Divide = %f\n", (float)a / b);
    else
        printf("Division not possible");
    return 0;
}
```

2. Convert hours into minutes

```
#include <stdio.h>
int main() {
    int h;
    printf("Enter hours: ");
    scanf("%d", &h);
    printf("Minutes = %d", h * 60);
    return 0;
}
```

3. Convert minutes into hours

```
#include <stdio.h>
int main() {
    int m;
    printf("Enter minutes: ");
    scanf("%d", &m);
    printf("Hours = %f", m / 60.0);
    return 0;
}
```

4. Convert dollars to Rs

```
#include <stdio.h>
int main() {
    float d;
    printf("Enter dollars: ");
    scanf("%f", &d);
    printf("Rupees = %f", d * 48);
    return 0;
}
```

5. Convert Rs to dollars

```
#include <stdio.h>
int main() {
    float r;
    printf("Enter Rs: ");
    scanf("%f", &r);
    printf("Dollars = %f", r / 48);
    return 0;
}
```

6. Convert dollars to pounds

```
#include <stdio.h>
int main() {
    float d;
    printf("Enter dollars: ");
    scanf("%f", &d);
    float rs = d * 48;
    float pound = rs / 70;
    printf("Pounds = %f", pound);
    return 0;
}
```

7. Convert grams to kg

```
#include <stdio.h>
int main() {
    float g;
    printf("Enter grams: ");
    scanf("%f", &g);
    printf("Kilograms = %f", g / 1000);
    return 0;
}
```

8. Convert kg to grams

```
#include <stdio.h>
int main() {
    float kg;
    printf("Enter kg: ");
    scanf("%f", &kg);
    printf("Grams = %f", kg * 1000);
    return 0;
}
```

9. Convert bytes to KB, MB, GB

```
#include <stdio.h>
int main() {
    float b;
    printf("Enter bytes: ");
    scanf("%f", &b);
    printf("KB = %f\n", b / 1024);
    printf("MB = %f\n", b / (1024*1024));
    printf("GB = %f\n", b / (1024*1024*1024));
    return 0;
}
```

10. Celsius to Fahrenheit

```
#include <stdio.h>
int main() {
    float c;
    printf("Enter Celsius: ");
    scanf("%f", &c);
    printf("Fahrenheit = %f", (9.0/5.0 * c) + 32);
    return 0;
}
```

11. Fahrenheit to Celsius

```
#include <stdio.h>
int main() {
    float f;
    printf("Enter Fahrenheit: ");
    scanf("%f", &f);
    printf("Celsius = %f", (5.0/9.0) * (f - 32));
    return 0;
}
```

12. Simple Interest

```
#include <stdio.h>
int main() {
    float P, R, N;
    printf("Enter P, R, N: ");
    scanf("%f %f %f", &P, &R, &N);
    printf("Interest = %f", (P * R * N) / 100);
    return 0;
}
```

13. Area & Perimeter of Square

```
#include <stdio.h>
int main() {
    float L;
    printf("Enter side: ");
    scanf("%f", &L);
    printf("Area = %f\n", L*L);
    printf("Perimeter = %f", 4*L);
    return 0;
}
```

14. Area & Perimeter of Rectangle

```
#include <stdio.h>
int main() {
    float L, B;
    printf("Enter L and B: ");
    scanf("%f %f", &L, &B);
    printf("Area = %f\n", L*B);
    printf("Perimeter = %f", 2*(L+B));
    return 0;
}
```

15. Area of Circle

```
#include <stdio.h>
int main() {
    float R;
    printf("Enter radius: ");
    scanf("%f", &R);
    printf("Area = %f", (22.0/7.0) * R * R);
    return 0;
}
```

16. Area of Triangle

```
#include <stdio.h>
```

```

int main() {
    float H, L;
    printf("Enter height and base: ");
    scanf("%f %f", &H, &L);
    printf("Area = %f", (H * L) / 2);
    return 0;
}

```

17. Net Salary

```

#include <stdio.h>
int main() {
    float g;
    printf("Enter gross salary: ");
    scanf("%f", &g);
    float allowance = 0.10 * g;
    float deduction = 0.03 * g;
    printf("Net Salary = %f", g + allowance - deduction);
    return 0;
}

```

18. Net Sales

```

#include <stdio.h>
int main() {
    float g;
    printf("Enter gross sales: ");
    scanf("%f", &g);
    float discount = 0.10 * g;
    printf("Net Sales = %f", g - discount);
    return 0;
}

```

19. Average of three subjects

```

#include <stdio.h>
int main() {
    float a, b, c;
    printf("Enter 3 marks: ");
    scanf("%f %f %f", &a, &b, &c);
    float total = a + b + c;
    float avg = total / 3;
    printf("Total = %f\n", total);
    printf("Average = %f", avg);
    return 0;
}

```

20. Swap two values

```

#include <stdio.h>
int main() {
    int a, b, temp;
    printf("Enter two numbers: ");
    scanf("%d %d", &a, &b);
    temp = a;
    a = b;
    b = temp;
    printf("After swap: a = %d, b = %d", a, b);
    return 0;
}

```