

```
/*
```

```
    Program to find Simple Interest and Compound Interest
```

$$SI = (p * r * t) / 100$$

$$CI = p * \text{pow}((1 + r/100), t) - p$$

```
*/
```

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

```
#include <math.h>
```

```
main()
```

```
{
```

```
    float p, r, t, si, ci;
```

```
    printf("\nEnter principle, rate and time: ");
```

```
    scanf("%f %f %f", &p, &r, &t);
```

```
    si = (p * r * t) / 100;
```

```
    ci = p * pow((1 + r/100), t) - p;
```

```
    printf("\n\nSimple Interest: %.2f", si);
```

```
    printf("\n\nCompound Interest: %.2f", ci);
```

```
    getch();
```

```
}
```