exit *Exit from Program* `<stdlib.h>`

```
void exit(int status);
```

Calls all functions registered with `atexit`, flushes all output buffers, closes all open streams, removes any files created by `tmpfile`, and terminates the program. The value of `status` indicates whether the program terminated normally. The only portable values for `status` are `0` and `EXIT_SUCCESS` (both indicate successful termination) plus `EXIT_FAILURE` (unsuccessful termination).

9.5, 26.2

_Exit *Exit from Program (C99)* `<stdlib.h>`

```
void _Exit(int status);
```

Causes normal program termination. Doesn't call functions registered with `atexit` or signal handlers registered with `signal`. The status returned is determined in the same way as for `exit`. Whether output buffers are flushed, open streams are closed, or temporary files are removed is implementation-defined.

26.2

---

exp *Base-e Exponential* `<math.h>`

```
double exp(double x);
float expf(float x);
long double expl(long double x);
```

Returns *e* raised to the power x. A range error occurs if the magnitude of x is too large.

23.3

---

exp2 *Base-2 Exponential (C99)* `<math.h>`

```
double exp2(double x);
float exp2f(float x);
long double exp2l(long double x);
```

Returns 2 raised to the power x. A range error occurs if the magnitude of x is too large.

23.4

---

expm1 *Base-e Exponential Minus 1 (C99)* `<math.h>`

```
double expm1(double x);
float expm1f(float x);
long double expm1l(long double x);
```

Returns *e* raised to the power x. minus 1. A range error occurs if x is too large. *23.4*

---

fabs *Floating Absolute Value* `<math.h>`

```
double fabs(double x);
float fabsf(float x);
long double fabsl(long double x);
```

Returns Absolute value of x. *23.3*