String (2B)

f3.c

```
#include <stdio.h>

int add(int a, int b);
int sub(int a, int b);
int mul(int a, int b);
int div(int a, int b);


int main(void) {
  int (*fp) (int a, int b);

  fp = &add;
  printf(" (*fp)(33,11)= %d \n", (*fp)(33,11) );

  fp = &sub;
  printf(" (*fp)(33,11)= %d \n", (*fp)(33,11) );

  fp = &mul;
  printf(" (*fp)(33,11)= %d \n", (*fp)(33,11) );

  fp = &div;
  printf(" (*fp)(33,11)= %d \n", (*fp)(33,11) );
}


int add(int a, int b) { return a+b; }
int sub(int a, int b) { return a-b; }
int mul(int a, int b) { return a*b; }
int div(int a, int b) { return a/b; }
```

f4.c

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

int main(void) {
  double d1, d2, d3;
  char *s = " 123.9 12.10  100.9 ";
  char *p1, *p2, *p3;

  printf("string s = %s \n", s);

  d1 = strtod(s, &p1);
  printf("d1= %f \n", d1);
  printf("remaining string p1= %s \n", p1);

  d2 = strtod(p1, &p2);
  printf("d2= %f \n", d2);
  printf("remaining string p2= %s \n", p2);

  d3 = strtod(p2, &p3);
  printf("d3= %f \n", d3);
  printf("remaining string p3= %s \n", p3);
}
```

f4.c

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