Question 1b, 1c, 1d (definitions for programs *pr1* and *pr2*)

pr1:

```
int v1 = 10;

int main() {
   int v2 = 20;
   char str[10];
   pid_t pid;

   pid = fork();
   if (pid == 0) {
      v1 = 30;
      v2 = 40;
   }

   pid = fork();
   if (pid == 0) {
      sprintf(str, "%d", v1 + v2);
      execlp("./pr2", "pr2", str,
             NULL);
   }
   else if (pid > 0) {
      wait(NULL);
      printf("P1: %d %d\n", v1, v2);
   }
   return 0;
}
```

pr2:

```
int main(int argc, char **argv) {
   pid_t pid;

   pid = fork();

   if (pid == 0)
      printf("C2: %s\n",
             argv[1]);
   else if (pid > 0) {
      wait(NULL);
      printf("P2: %s\n",
             argv[1]);
   }
   return 0;
}
```