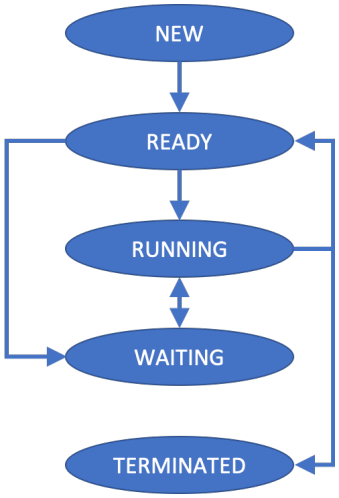
(6 p) Indicate which connections are wrong and which ones are correct in the following figure. For each wrong or missing connection, explain why you think the connection is either wrong or missing.



[**HINT:** please refer to the lecture about processes.]

(6 p) Is the following code going to print “Greetings” or not? Explain why. Notice that the listing contains only the relevant portions of code, so your answer does not need to take minor inconsistencies (e.g., the missing include statements) into account.

```c
int main(void)
{
   char write_msg[BUFFER_SIZE] = "Greetings";
   char read_msg[BUFFER_SIZE];
   pid_t pid;
   int fd[2];

   /* now fork a child process */
   pid = fork();

   /* create the pipe */
   if (pipe(fd) == -1) {
      fprintf(stderr,"Pipe failed");
      return 1;
   }

    if (pid < 0) {
      fprintf(stderr, "Fork failed");
      return 1;
   }

   if (pid > 0) { /* parent process */
      /* close the unused end of the pipe */
      close(fd[READ_END]);
      /* write to the pipe */
      write(fd[WRITE_END], write_msg, strlen(write_msg)+1);
      /* close the write end of the pipe */
      close(fd[WRITE_END]);
   }
   else { /* child process */
      /* close the unused end of the pipe */
      close(fd[WRITE_END]);
      /* read from the pipe */
      read(fd[READ_END], read_msg, BUFFER_SIZE);
      printf("child read %s\n",read_msg);
      /* close the write end of the pipe */
      close(fd[READ_END]);
   }
   return 0;

}
```

[**HINT:** no, pipe after fork.]