Problema 1

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#include <stdio.h>
#include <pthread.h>
#include <errno.h>
#include <string.h>
#include <stdlib.h>
void *reverse (void *s)
   char *w = (char*) s;
   char *inv = (char*) malloc (strlen(w) * sizeof(char));
   int l = strlen (w);
   for (int i = 1 - 1; i>=0; i--)
     inv[1 - 1 - i] = w[i];
  return inv;
}
int main (int argc, char **argv)
   pthread t thr;
   if (pthread create(&thr, NULL, reverse, argv[1]))
     perror(NULL);
     return errno;
   char *res;
   if (pthread join(thr, (void **) &res))
     perror(NULL);
     return errno;
  printf("%s\n", res);
  return 0;
}
Problema 2
#include <stdio.h>
#include <pthread.h>
#include <errno.h>
#include <string.h>
#include <stdlib.h>
int m[3][3] = \{\{1, 2, 3\}, \{4, 5, 6\}, \{7, 8, 9\}\};
int mm[3][3] = \{\{1, 2, 3\}, \{4, 5, 6\}, \{7, 8, 9\}\};
int r[3][3];
void *inmultire(void *v)
   int * p = (int*) v;
   for (int j=0; j<3; j++)
      r[p[0]][p[1]] += m[p[0]][j] * mm[j][p[1]];
   return NULL;
```

```
int main (int argc, char **argv)
  pthread_t thr[3][3];
  int index[2];
  char *res;
  for (int i=0; i<3; i++)
      for (int j=0; j<3; j++)
            int *index = (int*) malloc (sizeof(int)*2);
            index[0] = i;
            index[1] = j;
            if (pthread_create(&thr[i][j], NULL, inmultire, index))
                  perror (NULL);
                  return errno;
               }
   for (int i=0; i<3; i++)
      for (int j=0; j<3; j++)
         if (pthread join(thr[i][j], (void **) &res))
            perror(NULL);
            return errno;
   }
   for (int i=0; i<3; i++)</pre>
      for (int j=0; j<3; j++)
        printf ("%d ", r[i][j]);
      printf ("\n");
  return 0;
```