PARENT CLASS:

#include <stdio.h>

#include <stdlib.h>

#include <string.h>

#include <unistd.h>

int compareIntegers(const void \*a, const void \*b)

{

return (\*(int \*)a - \*(int \*)b);

}

int main()

{

int n;

printf("Enter the number of integers: ");

scanf("%d", &n);

int integers[n];

printf("\nEnter Array Elements seperated by a space: ");

for (int i = 0; i < n; i++)

{

scanf("%d", &integers[i]);

}

qsort(integers, n, sizeof(int), compareIntegers);

printf("\nSorted Integers: ");

for (int i = 0; i < n; i++)

{

printf("%d ", integers[i]);

}

printf("\n");

const char \*stringArray[n];

for (int i = 0; i < n; i++)

{

char temp[20];

snprintf(temp, sizeof(temp), "%d", integers[i]);

stringArray[i] = strdup(temp);

}

const char\* child\_argv[n + 2];

child\_argv[0] = "child";

for (int i = 0; i < n; i++)

{

child\_argv[i + 1] = stringArray[i];

}

child\_argv[n + 1] = NULL;

int err = execve("child", child\_argv, NULL);

perror("execve");

exit(1);

}

cHILD CLASS:

#include<stdio.h>

#include<stdlib.h>

#include<unistd.h>

void main(int argc, char\* argv[]){

printf("\nEntering Child Process.\nReversed Array: ");

for(int i=argc-1;i>0;i--){

printf("%s ",argv[i]);

}

exit(0);

}