#include <stdio.h>

#include <stdlib.h>

void merge(int vet1[],int vet2[],int vet3[]){

int i=0;

int j=0;

int k=0;

int aux[9]={0,0,0,0,0,0,0,0,0};

int cont;

for(cont=0;cont<9;cont++){

if((vet1[i]<vet2[j])&&(vet1[i]<vet3[k]))

{

aux[cont]=vet1[i];

i++;

}

else if((vet2[j]<vet1[i])&&(vet2[j]<vet3[k]))

{

aux[cont]=vet2[j];

j++;

}

else if((vet3[k]<=vet1[i])&&(vet3[k]<=vet2[j])){

aux[cont]=vet3[k];

k++;

}

}

printf("vetor ordeando.\n");

for(cont=0;cont<9;cont++)

{

printf("%d ",aux[cont]);

}

}

int main()

{

int vet1[]={2,4,6};

int vet2[]={3,5,7};

int vet3[]={4,8,9};

merge(vet1,vet2,vet3);

return 0;

}