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| #include <stdio.h> double get\_f(void); double get\_d(void);   void scand(char format[] ,double double\_array[]){  int t;  int next\_token;  int double\_counter=0;  double d=0;  while((t = get\_token(format)) != '\0'){  if(is\_percent(t) == 0){   if(check\_eqaulity\_of\_input\_and\_format(t) == 1){   }  else if(check\_eqaulity\_of\_input\_and\_format(t) == 0){  printf("Error , the prototypes wouldn't match!");  return;  }  }    if(is\_percent(t) == 1){  t = get\_token(format);   if(is\_d(t) == 1){  d = get\_d();  double\_array[double\_counter++] = d;  }   else{  printf("Error2 , the prototypes wouldn't match!");  return;  }  *//skip();*   }  } }  int j = 0; int get\_token(char statement[]){  return statement[j++]; }  void skip(void){  j++; }  int is\_percent(int token){  if(token == '%')  return 1;  else  return 0; }  int is\_d(int token){  if(token == 'd')  return 1;  else  return 0; }    double get\_d(void){  double num = 0.0;  double i = 1.0;  int ch;  int tavane\_e;  int has\_e = 0;  int e\_is\_negative = 0;  int next\_ch = 0;   while((ch = getchar()) != '\n')  {  if (ch == 'e'){  next\_ch = getchar();   if(next\_ch == '-'){  e\_is\_negative = 1;  tavane\_e = getchar() - '0';  has\_e=1;  }   else{  tavane\_e = next\_ch - '0';  has\_e = 1;  }    }  else if (ch == '.'){  i = 0.1;  }  else if ((ch>= '0') && (ch <='9')){  if (i==1)  {  num = num \* 10;  num = num + ch - '0';  }  else  {  num = num + (ch - '0') \* i;  i = i / 10;  }  }  }  if(has\_e == 1){   if(e\_is\_negative == 1){  while(tavane\_e > 0){  num = num / 10;  tavane\_e--;  }  return num;  }    else{  while(tavane\_e > 0){  num = num \* 10;  tavane\_e--;   }  return num;  }  }  return num; }   int check\_eqaulity\_of\_input\_and\_format(int token){  if(getchar() == token)  return 1;  else  return 0; }  int is\_e(int token){  if(token == 'e')  return 1;  else   return 0; }  int main(){  double my\_double\_saver[100] = {0};  scand("hello%d",my\_double\_saver);  printf("\n%f\n" , my\_double\_saver[0]);  } |