public class BirdAdapter extends RecyclerView.Adapter<BirdAdapter.ViewHolder>{

private final LayoutInflater inflater;

private final ArrayList<Bird> mylst;

private ItemClickListener mClickListener;

*// Это интерфейс. Родительская activity будет вызывать этот метод*

*// в ответ на событие щелчка.*

public interface ItemClickListener {

void onItemClick(View view, int position);

}

void setClickListener(ItemClickListener itemClickListener) {

this.mClickListener = itemClickListener;

}

public BirdAdapter(Context context, ArrayList<Bird> mylst) {

this.inflater = LayoutInflater.*from*(context);

this.mylst = mylst;

}

@NonNull

@Override

public BirdAdapter.ViewHolder onCreateViewHolder(@NonNull ViewGroup parent, int viewType) {

View view = inflater.inflate(R.layout.*item\_list*, parent, false);

return new ViewHolder(view);

}

@Override

public void onBindViewHolder(@NonNull BirdAdapter.ViewHolder holder, int position) {

Bird bl = mylst.get(position);

holder.imgView.setImageResource(bl.getImg());

holder.nameView.setText(bl.getName());

}

@Override

public int getItemCount() {

return mylst.size();

}

public class ViewHolder extends RecyclerView.ViewHolder implements View.OnClickListener {

ImageView imgView;

TextView nameView;

CardView cardView;

public ViewHolder(@NonNull View itemView) {

super(itemView);

imgView = itemView.findViewById(R.id.*imgView*);

nameView = itemView.findViewById(R.id.*nameView*);

itemView.setOnClickListener(this);

cardView = itemView.findViewById(R.id.*cv*);

}

@Override

public void onClick(View view) {

if (mClickListener != null) mClickListener.onItemClick(view, getAdapterPosition());

}

}

}