App Inventor

- Tutorial -

Contents

1. App Inventor Tutorial

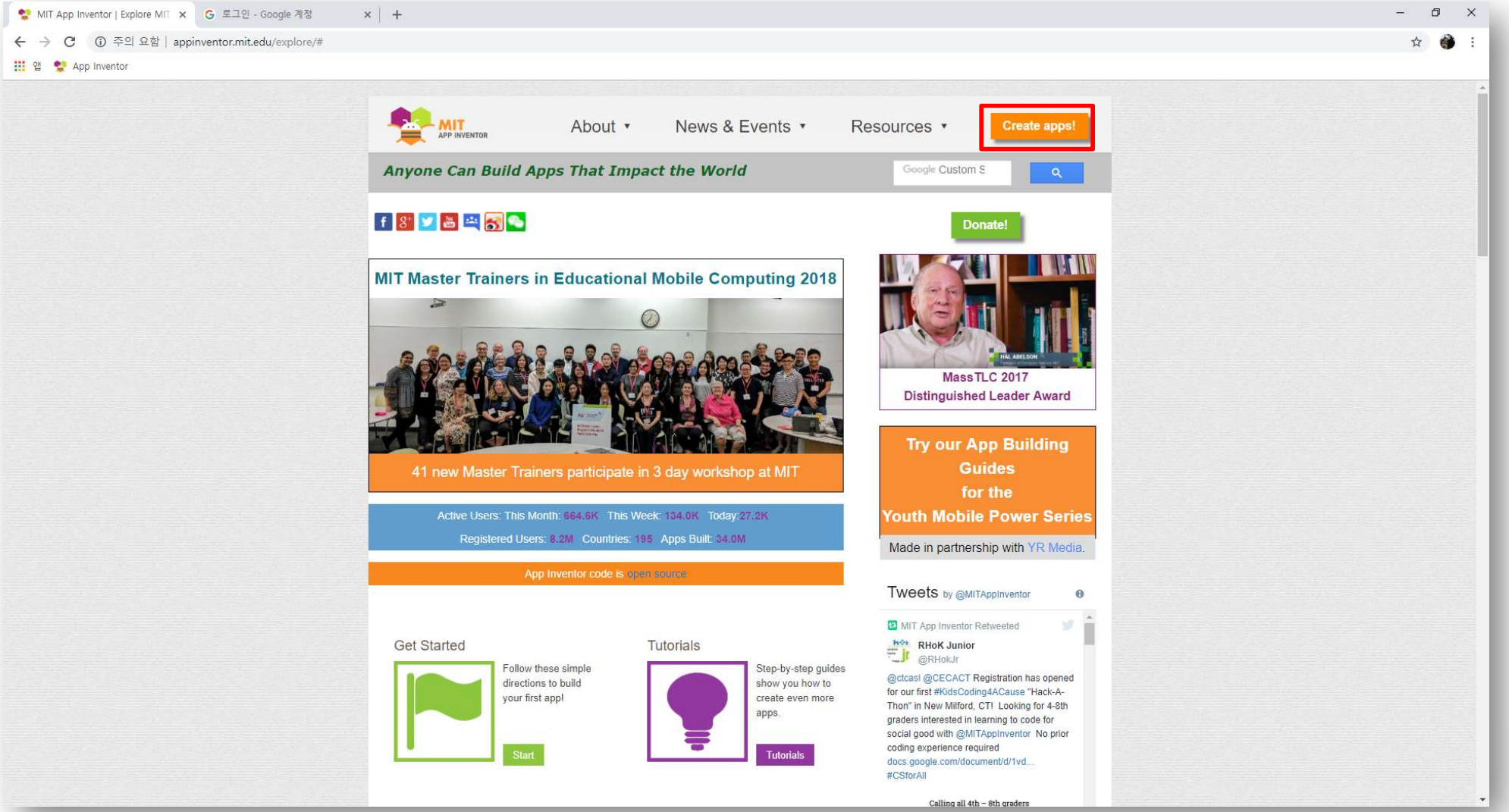
barun
(주)바른코어칩스

App Inventor?

- mit 공대와 구글(현재는 X)이 개발해 운영하고 있는 안드로이드 어플리케이션 프로그램이 도구
- 구글 크롬으로 가능 (익스플로러 사용 불가)
- http://appinventor.mit.edu/explore

App Inventor 시작하기 (1)

❖ App Inventor 사이트 접속 후 [Create apps!] 클릭



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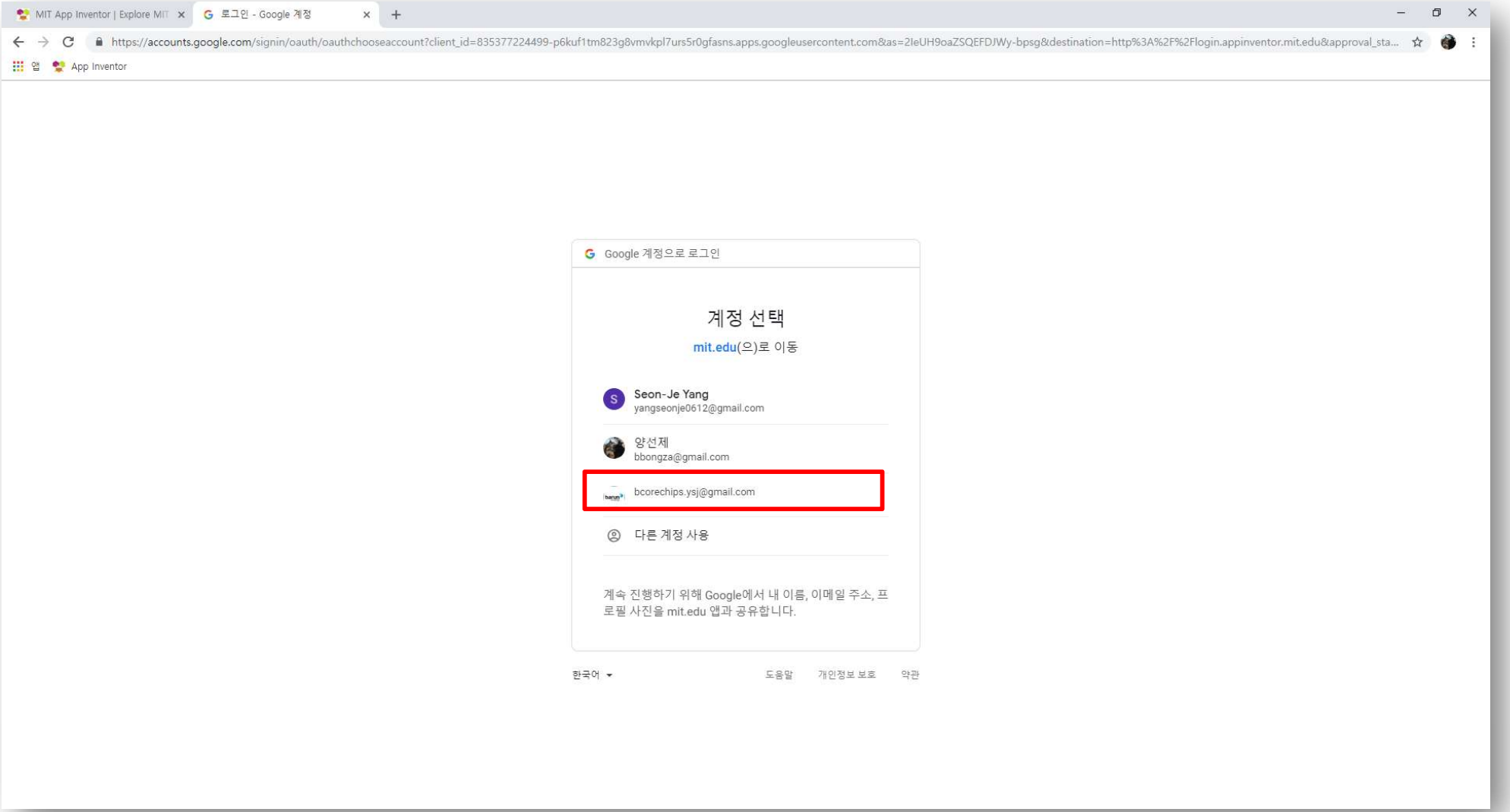
App Inventor 시작하기 (2)

❖ 구글 계정으로 회원 가입



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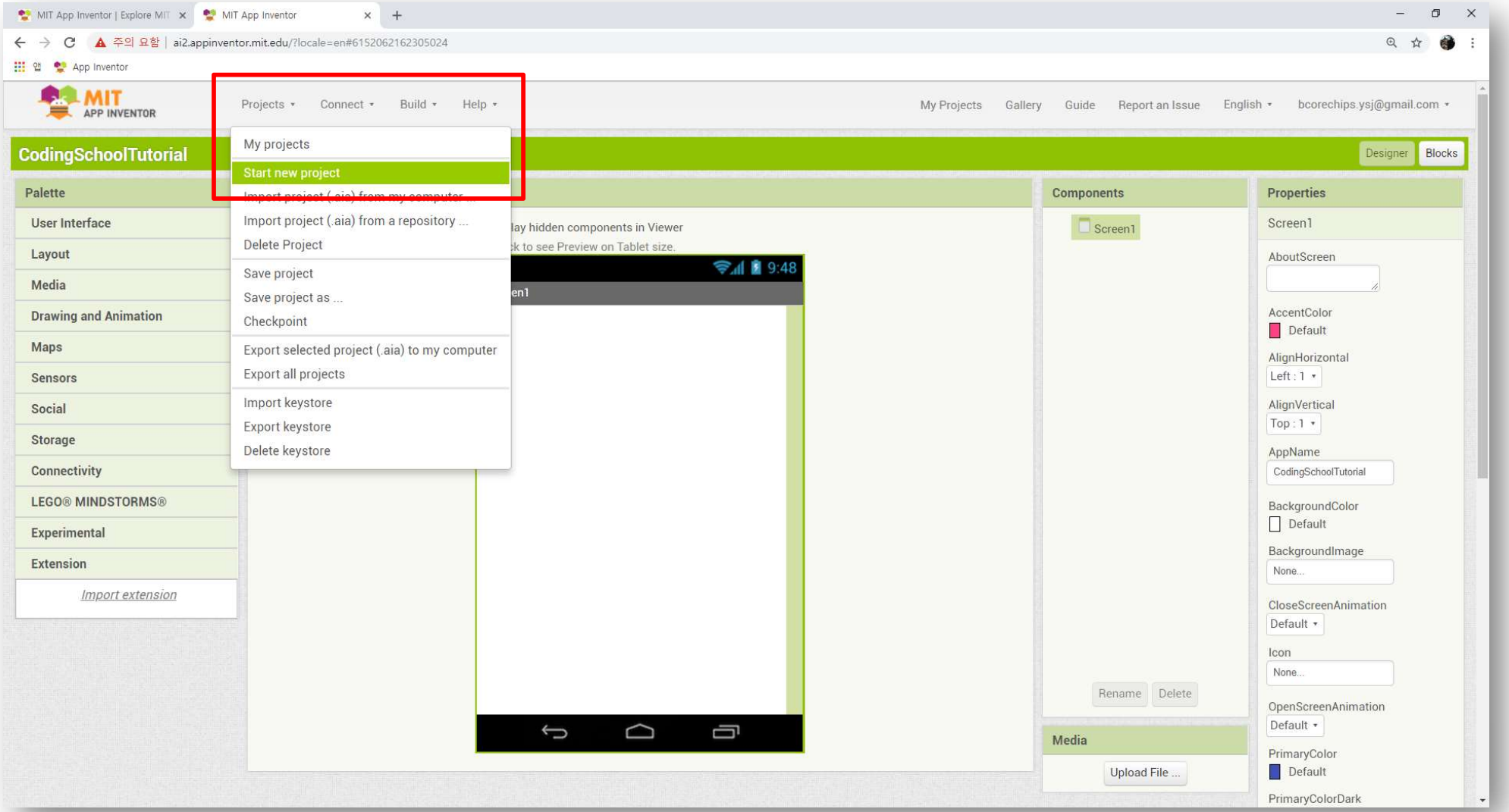
App Inventor 시작하기 (3)

❖ 새 프로젝트 만들기



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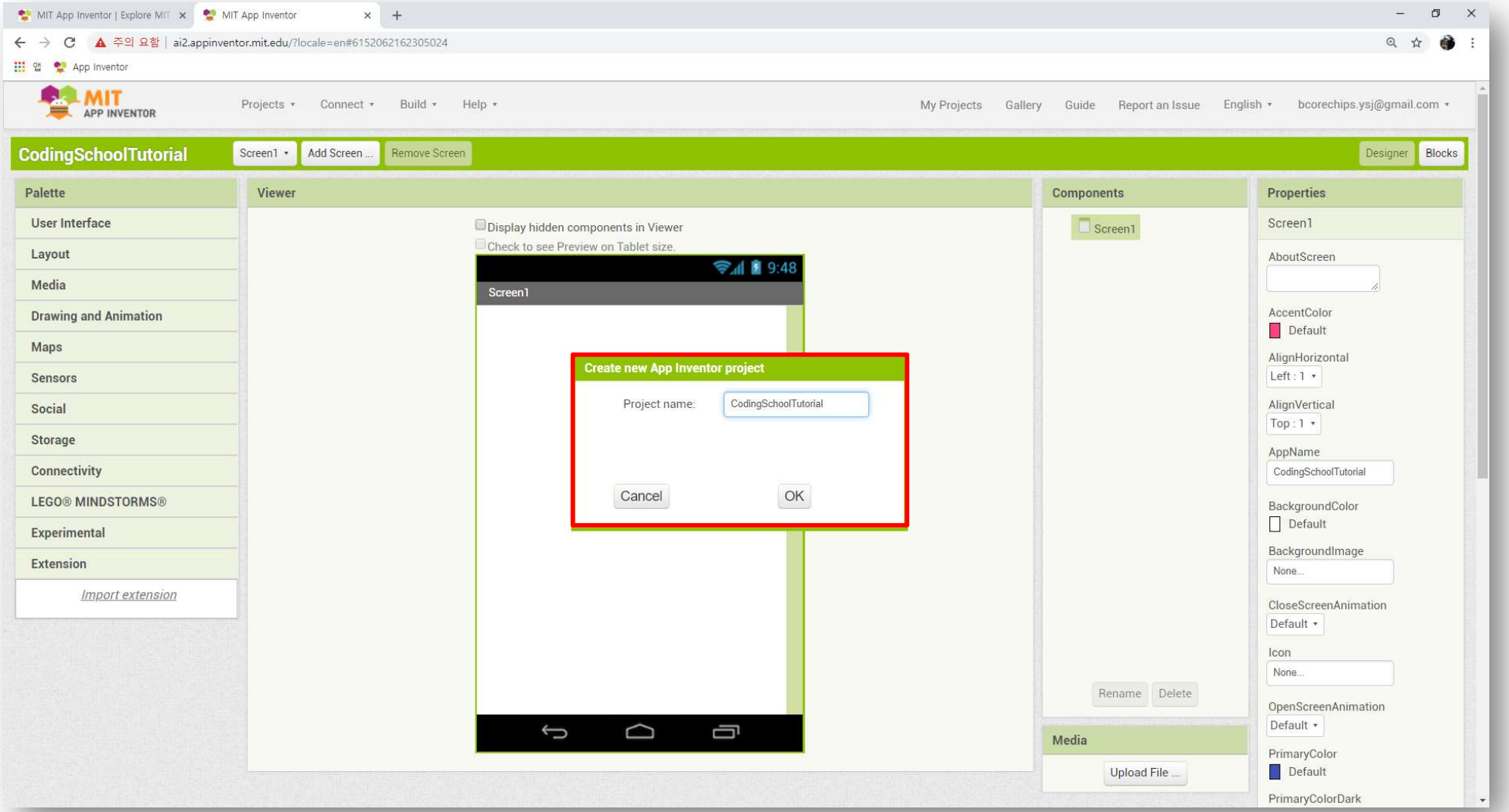
App Inventor 시작하기 (4)

❖ 프로젝트 이름 설정 후 [OK] 클릭



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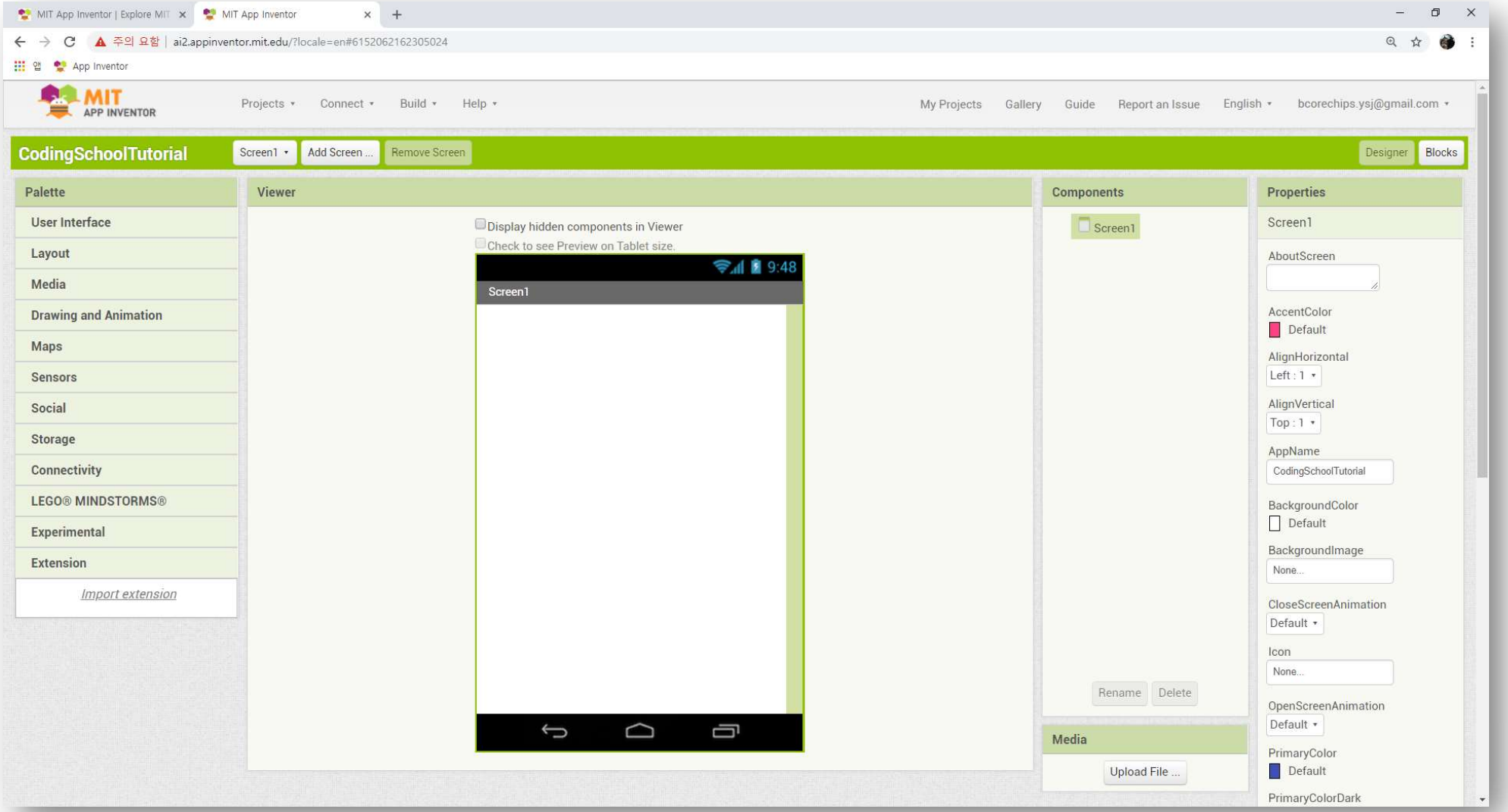
App Inventor 시작하기 (5)

❖ 초기화면



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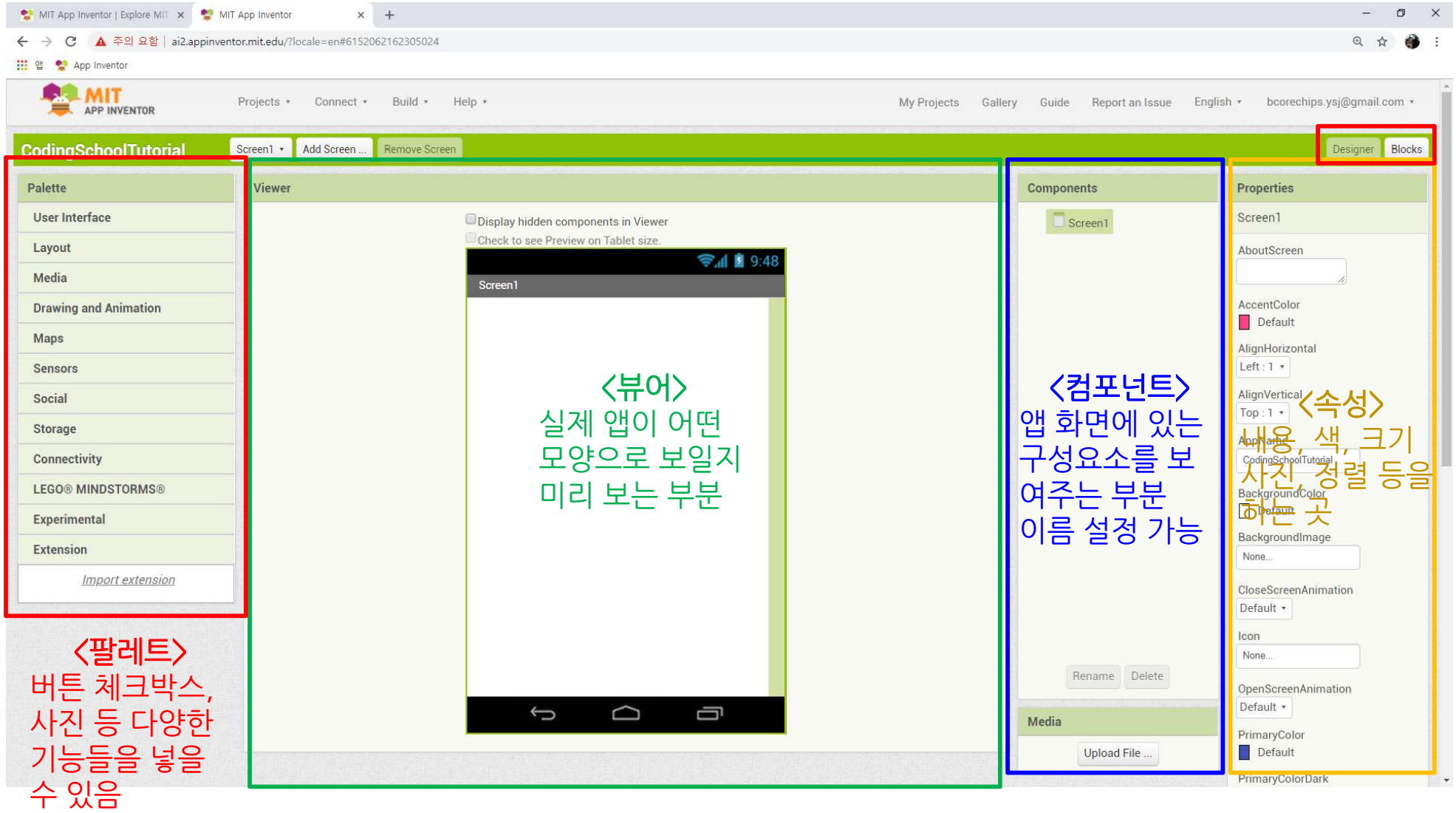
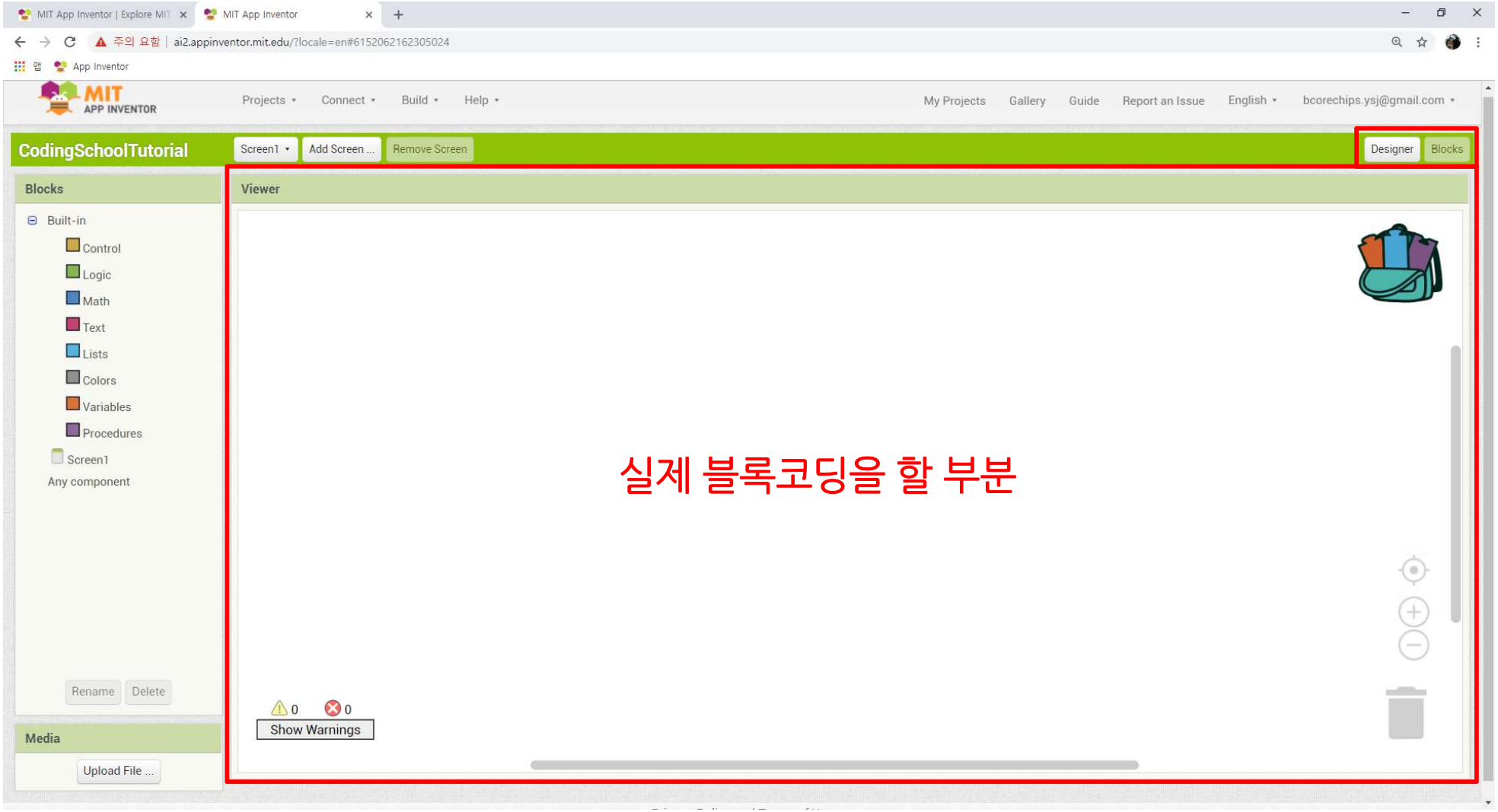
App Inventor 시작하기 (6)

❖ 화면 구성 (Designer view)



App Inventor 시작하기 (7)

❖ 화면 구성 (Blocks view)



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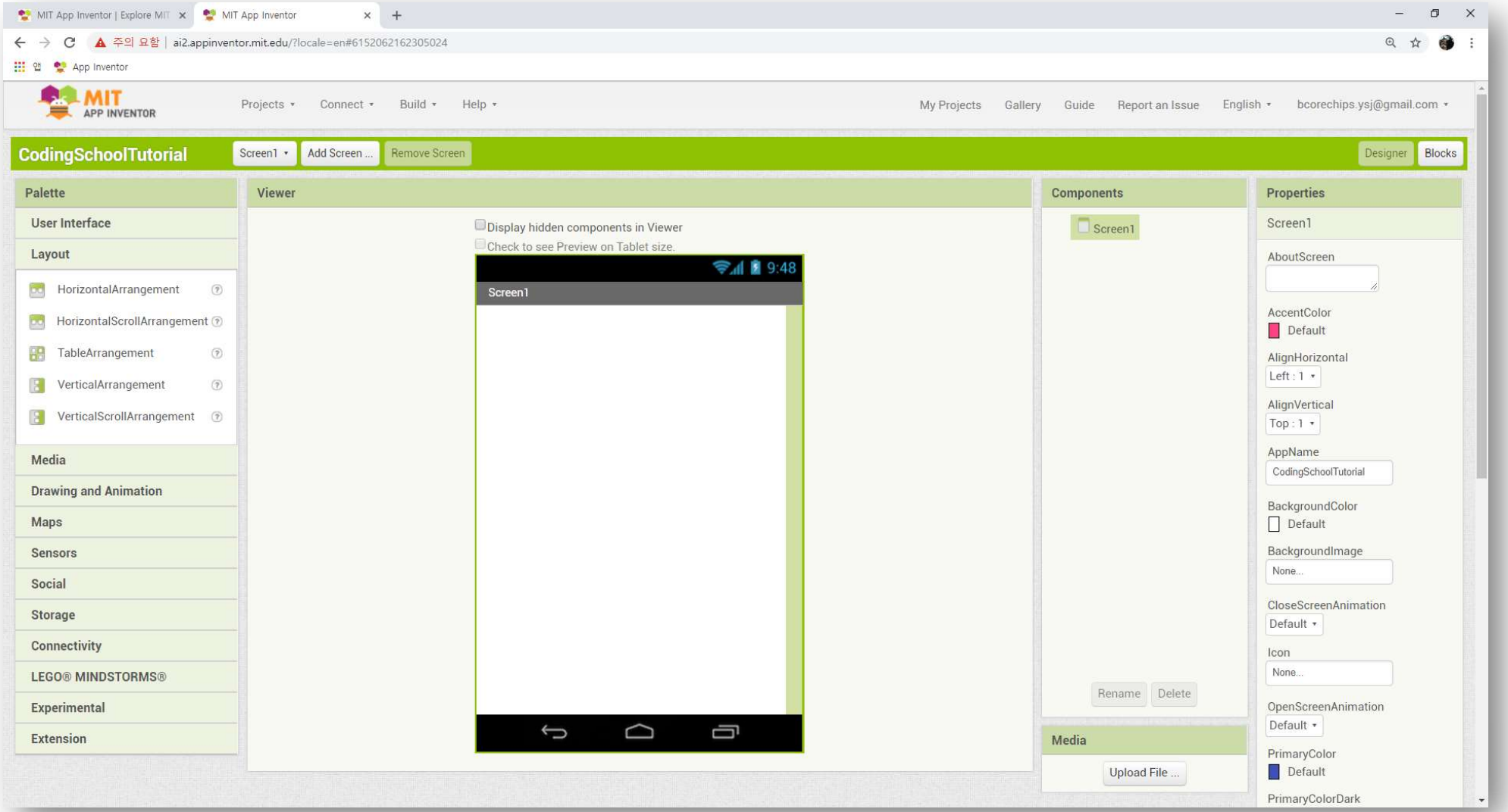
App Inventor Tutorial (1)

❖ 시작



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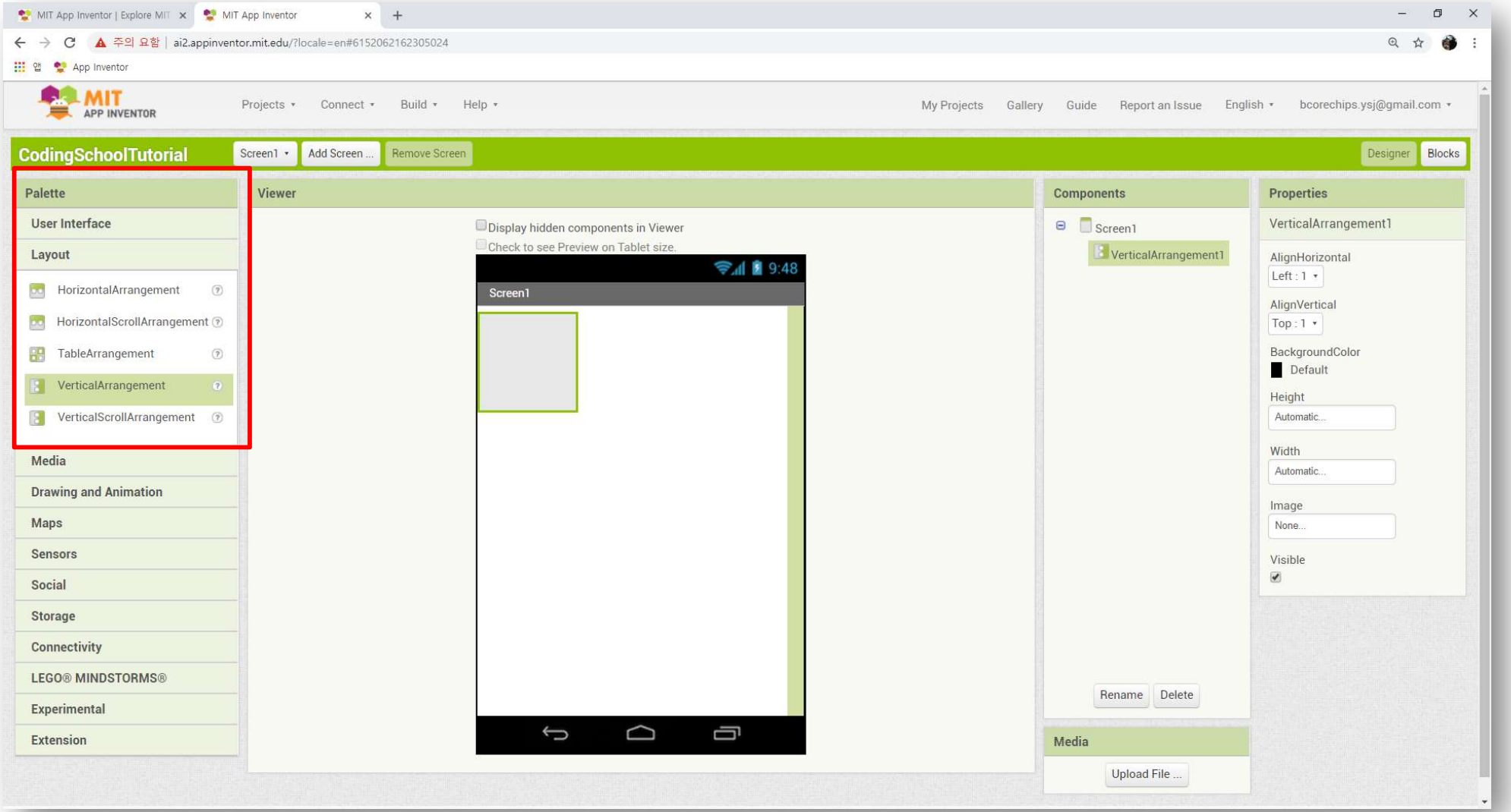
App Inventor Tutorial (2)

❖ Layout 설정 - Layout → VerticalArrangement



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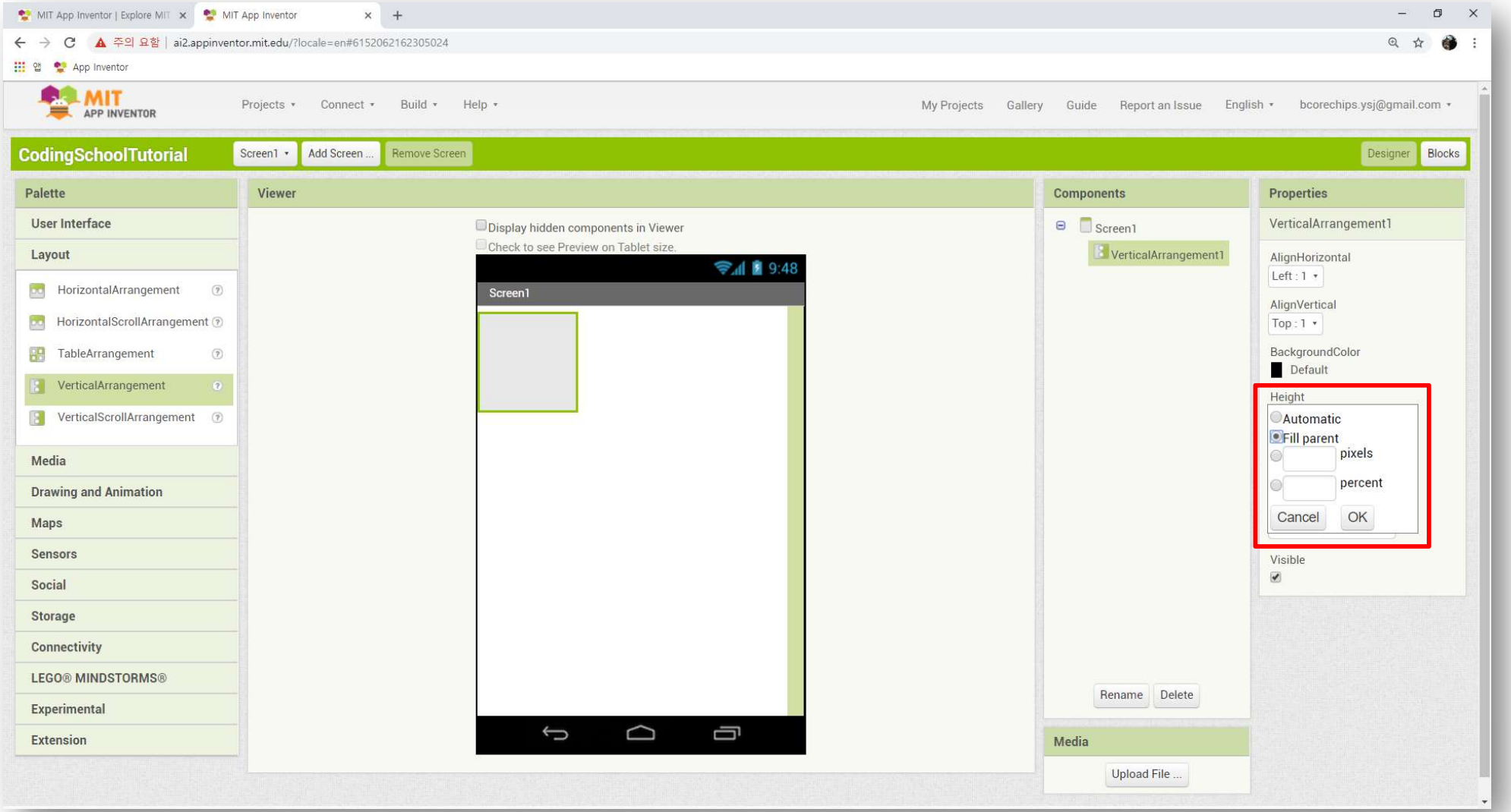
App Inventor Tutorial (3)

❖ Layout 속성 설정 : 높이 - fill parent



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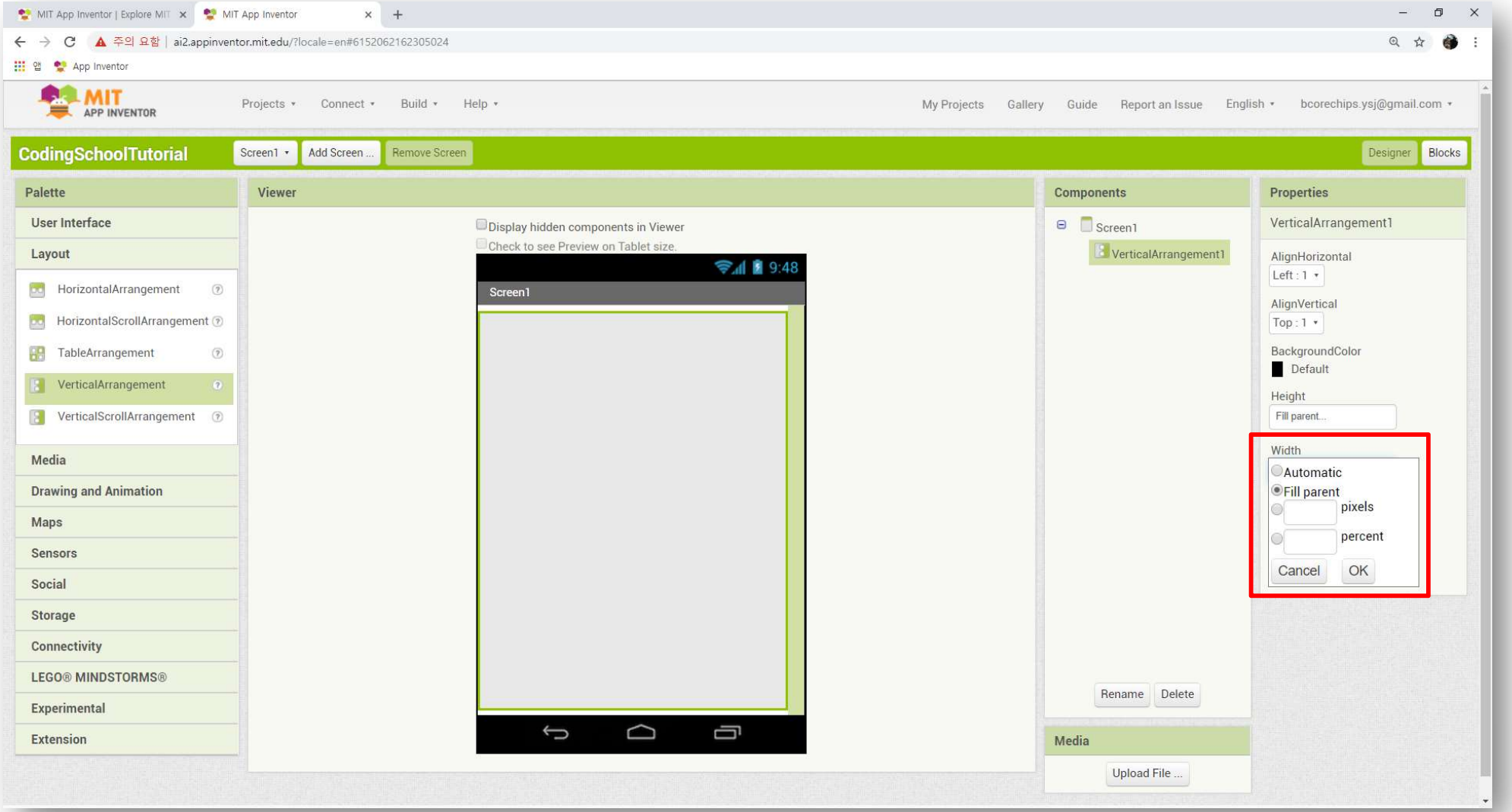
App Inventor Tutorial (4)

❖ Layout 속성 설정 : 너비 - fill parent



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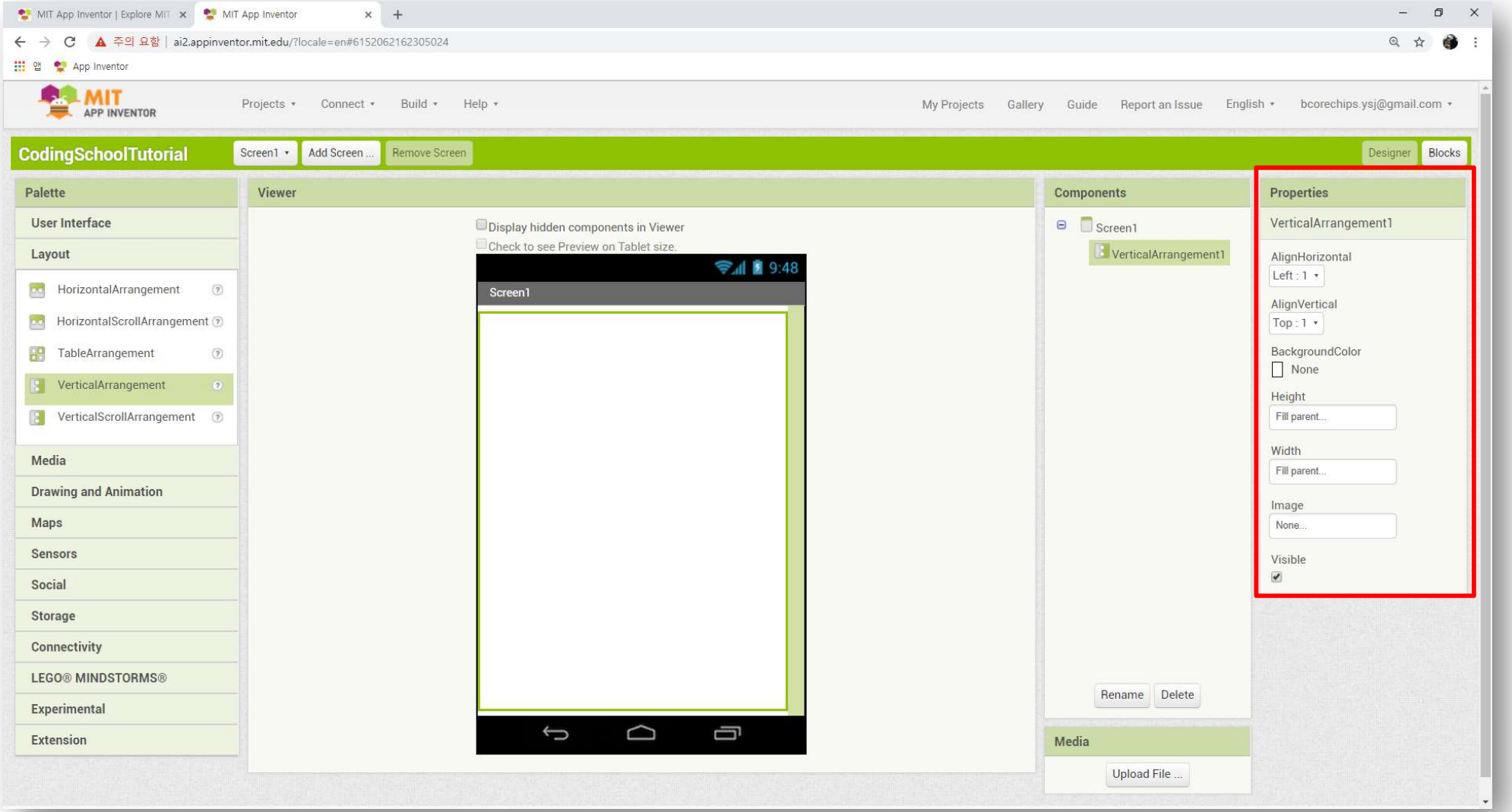
App Inventor Tutorial (5)

❖ Layout 속성 완료



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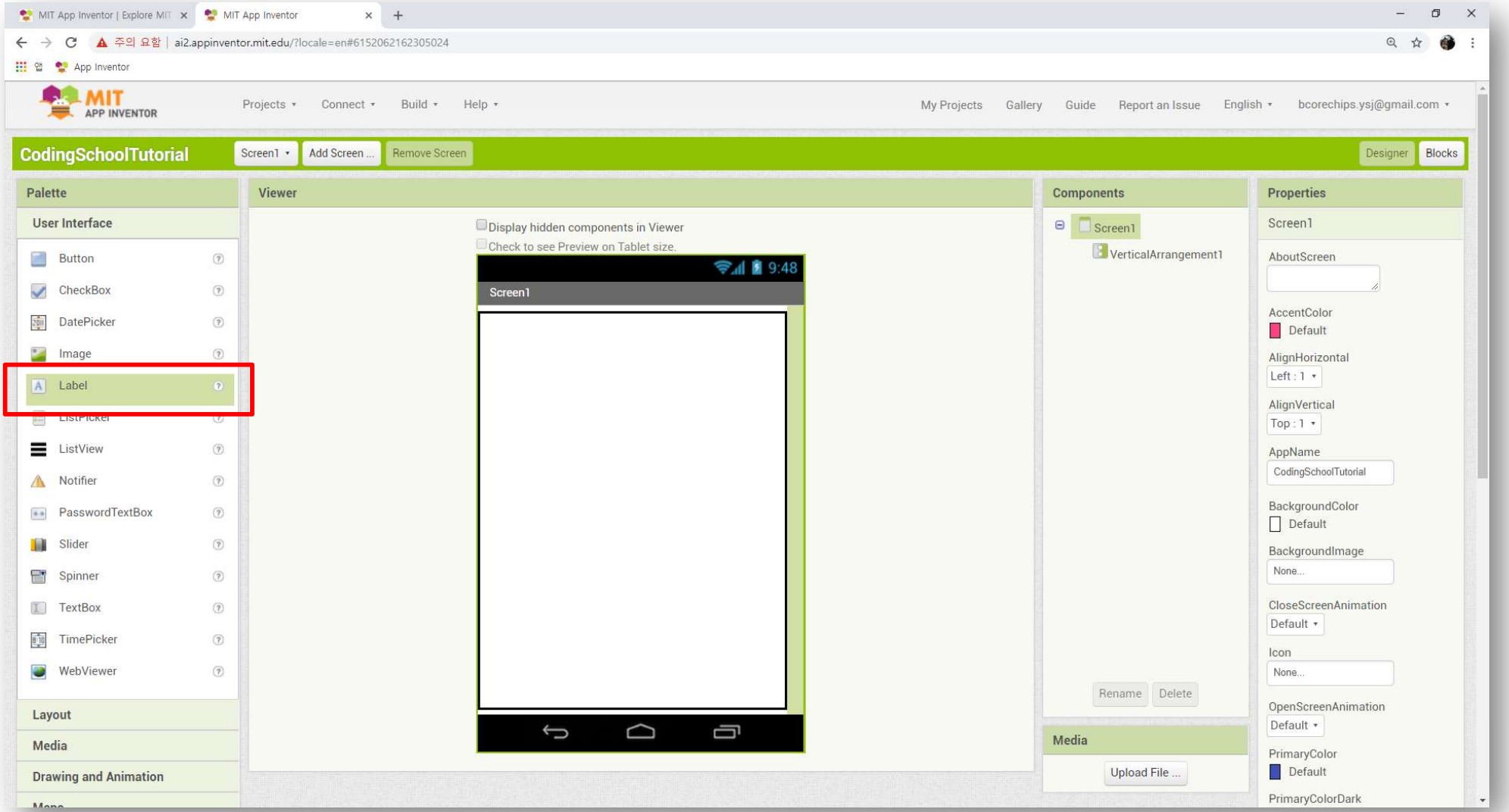
App Inventor Tutorial (6)

❖ User Interface → Label 선택



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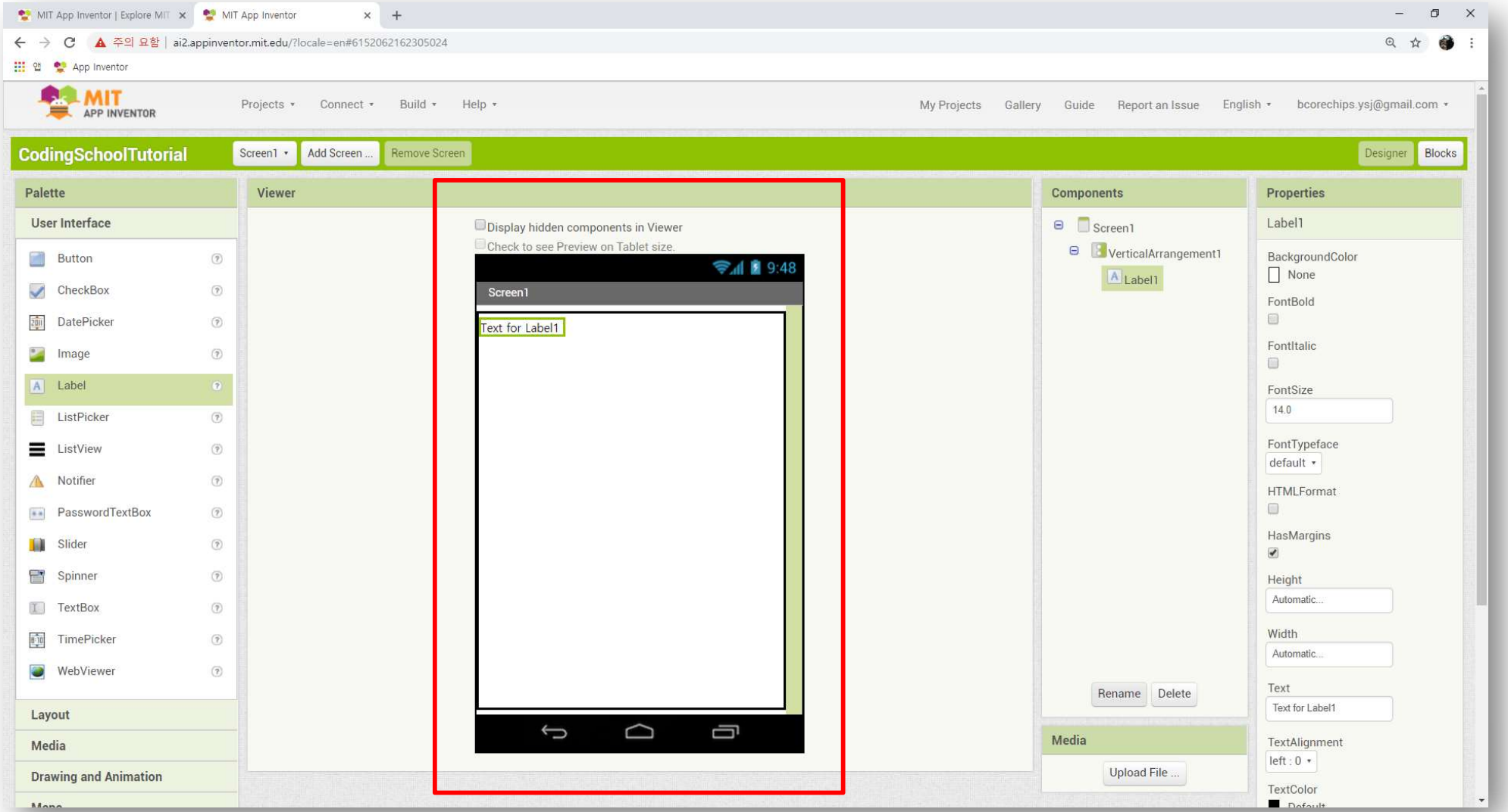
App Inventor Tutorial (7)

❖ Label을 드래그 하여 스크린에 드롭



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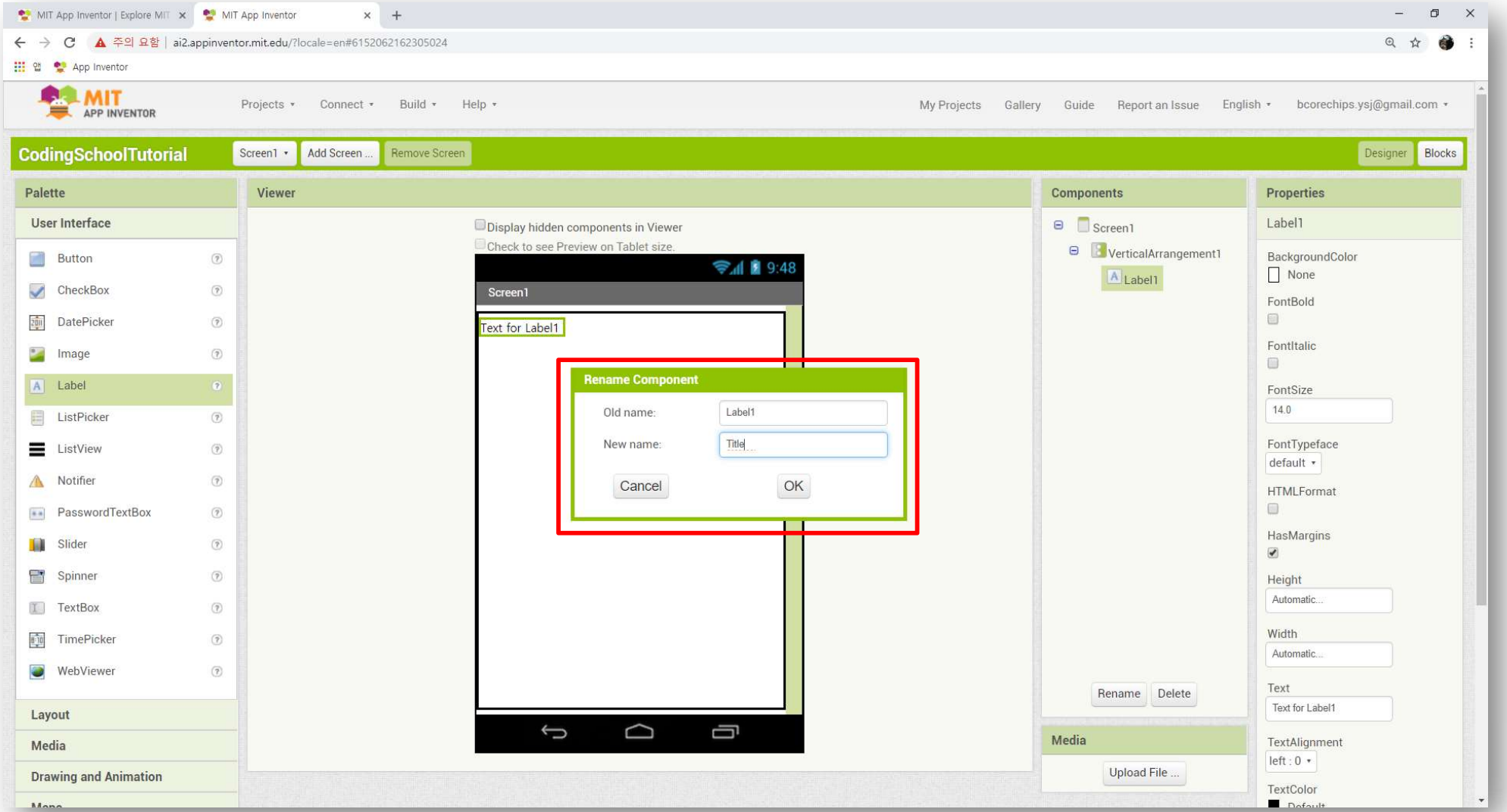
App Inventor Tutorial (8)

❖ Component에서 이름 변경 : Label1 → Title



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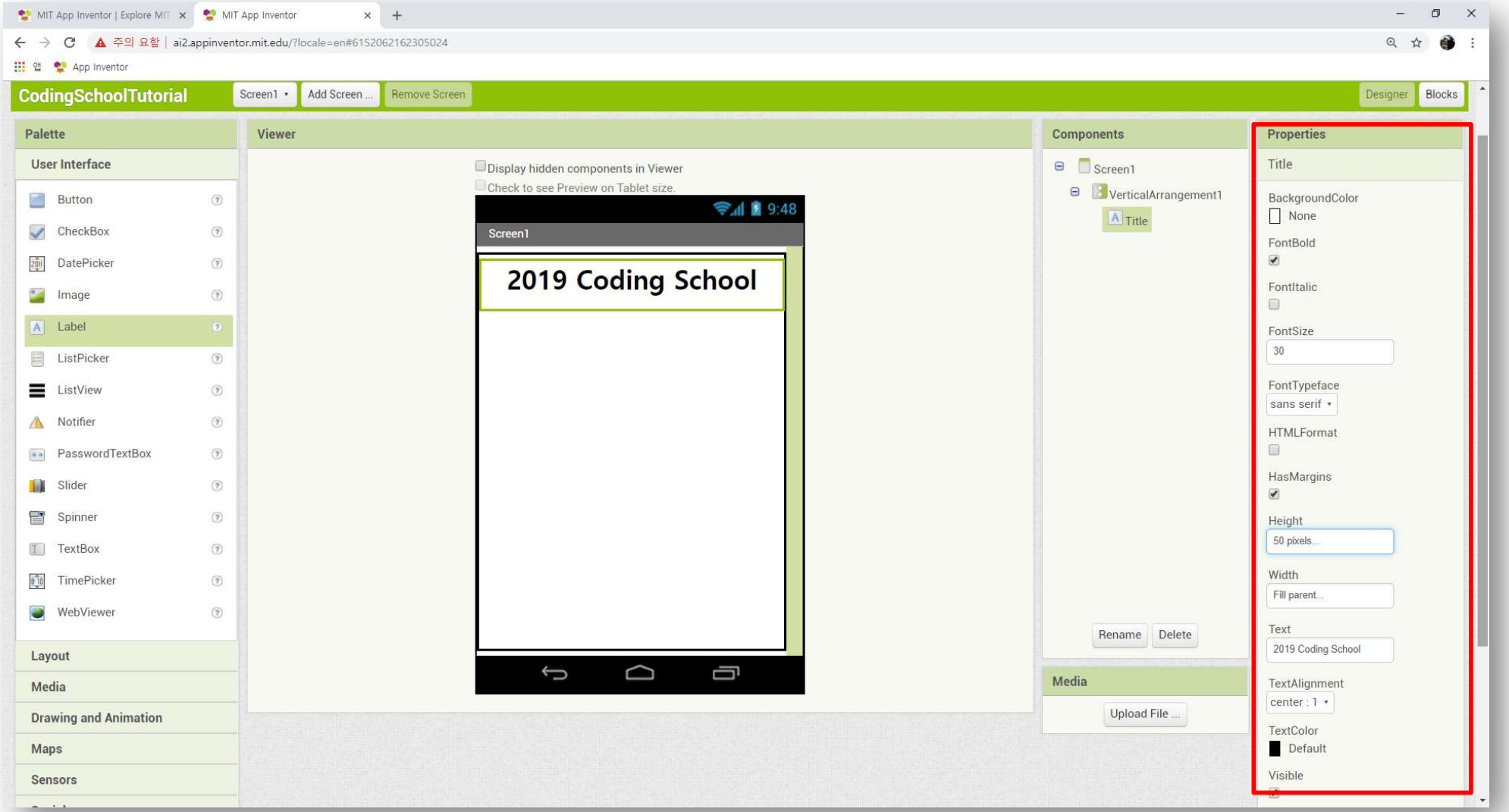
App Inventor Tutorial (9)

❖ 우측 속성에서 글자체, 색, 레이블 크기 등을 설정



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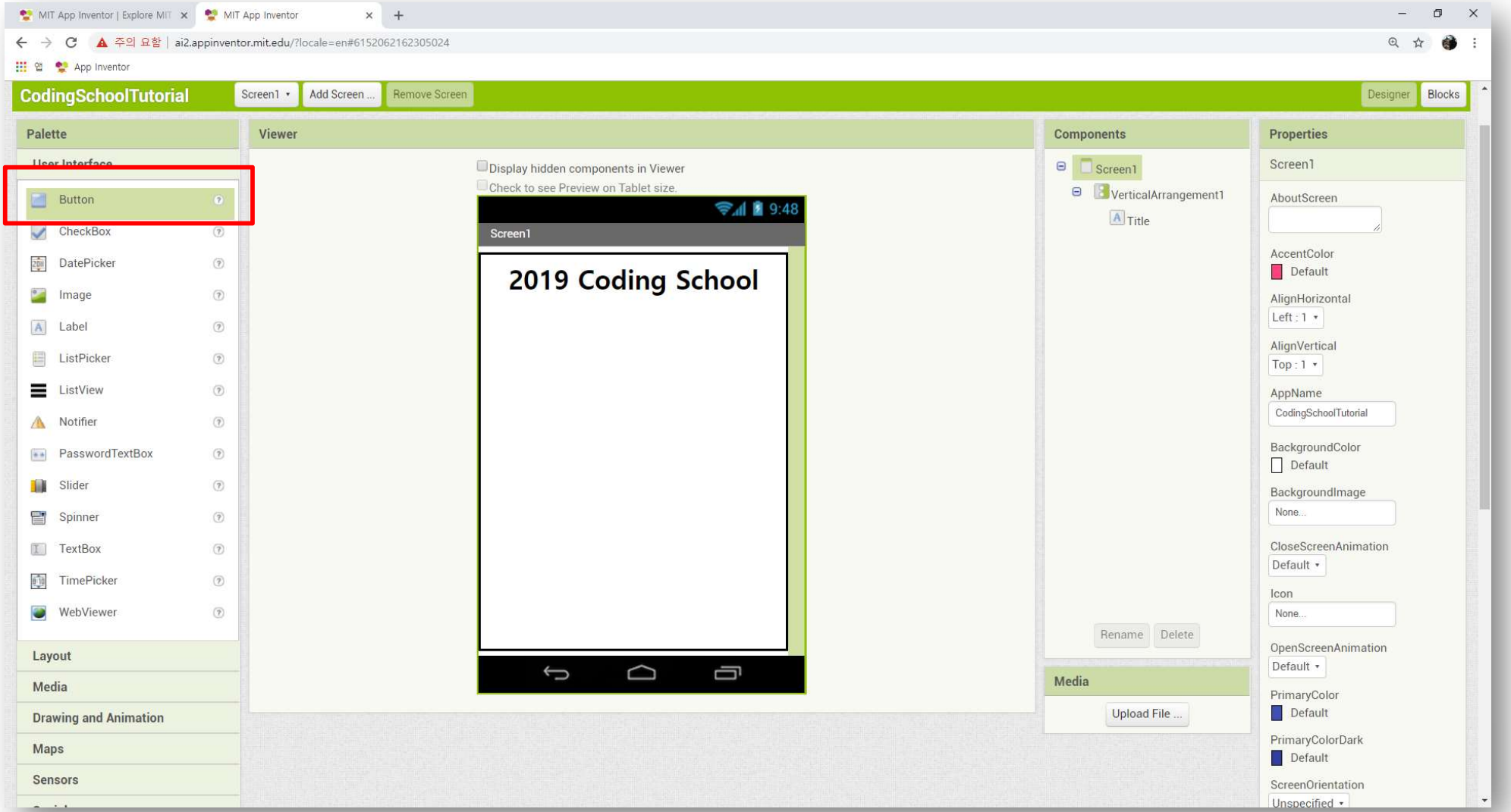
App Inventor Tutorial (10)

❖ User Interface에서 Button 선택



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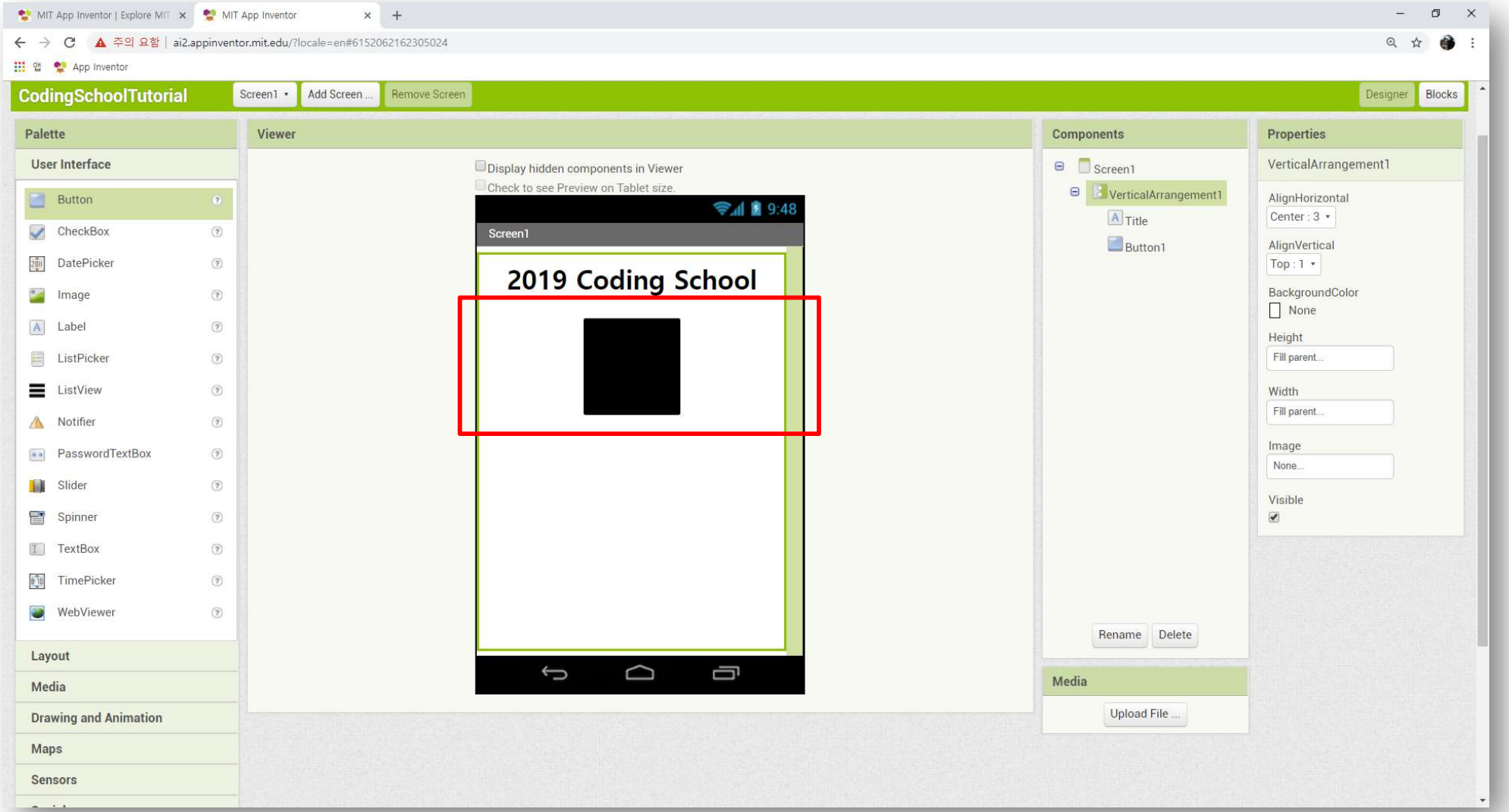
App Inventor Tutorial (11)

❖ Label 아래에 드래그 앤 드롭하여 아래와 같이 배치



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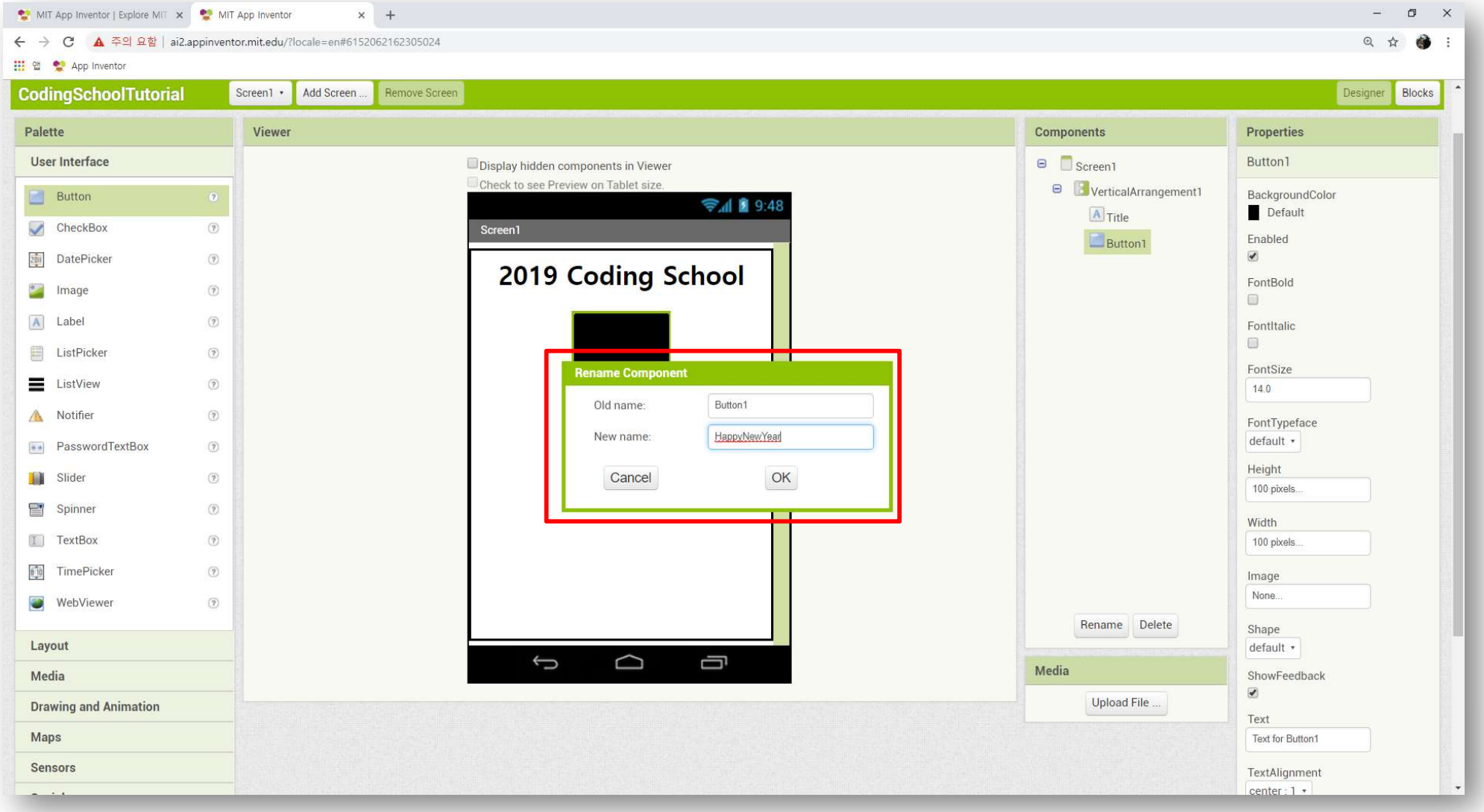
App Inventor Tutorial (12)

❖ 버튼 이름 변경 (Components에서)



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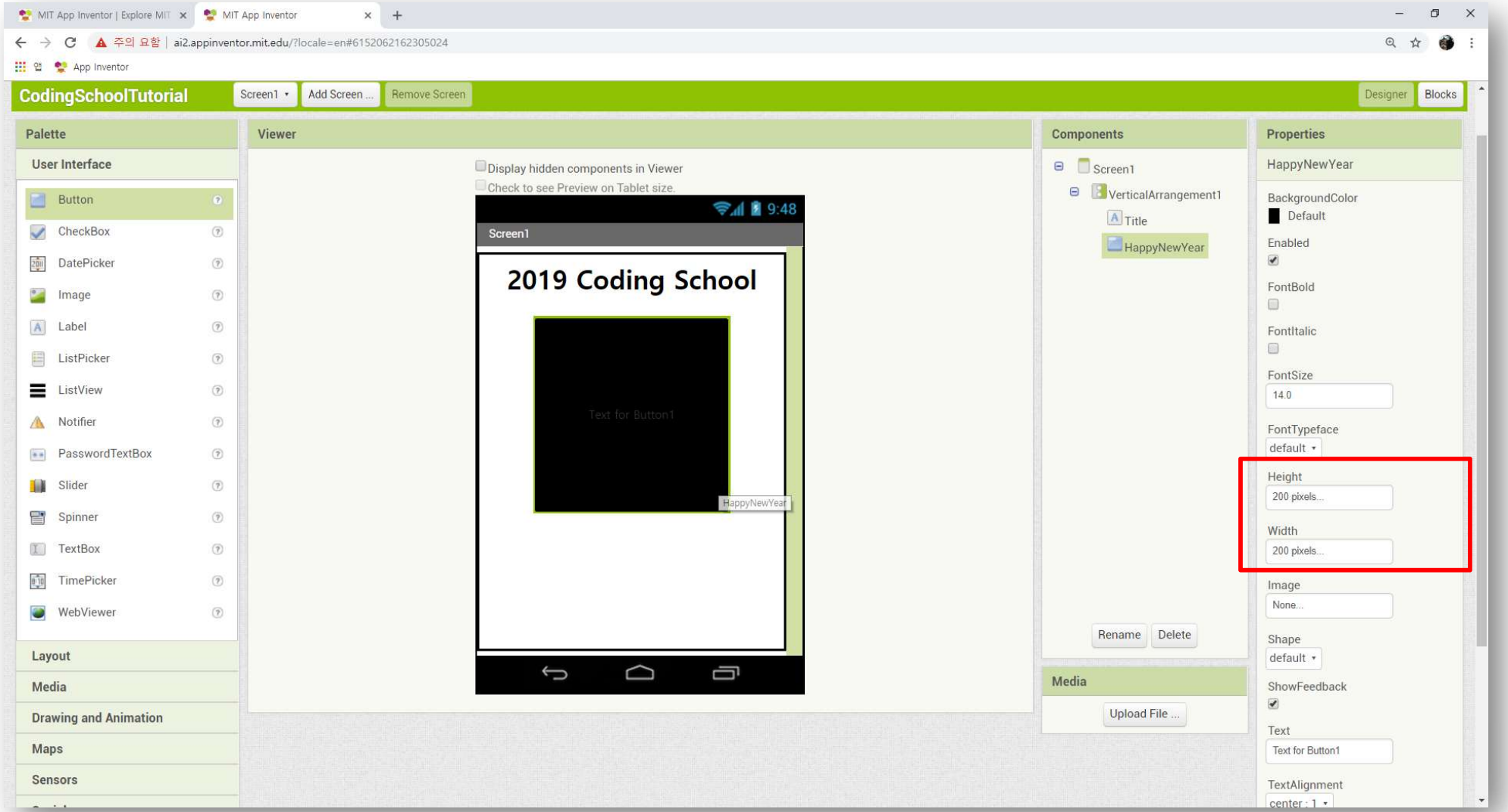
App Inventor Tutorial (13)

❖ 오른쪽 속성에서 가로 세로 높이를 200pixel정도로 변경



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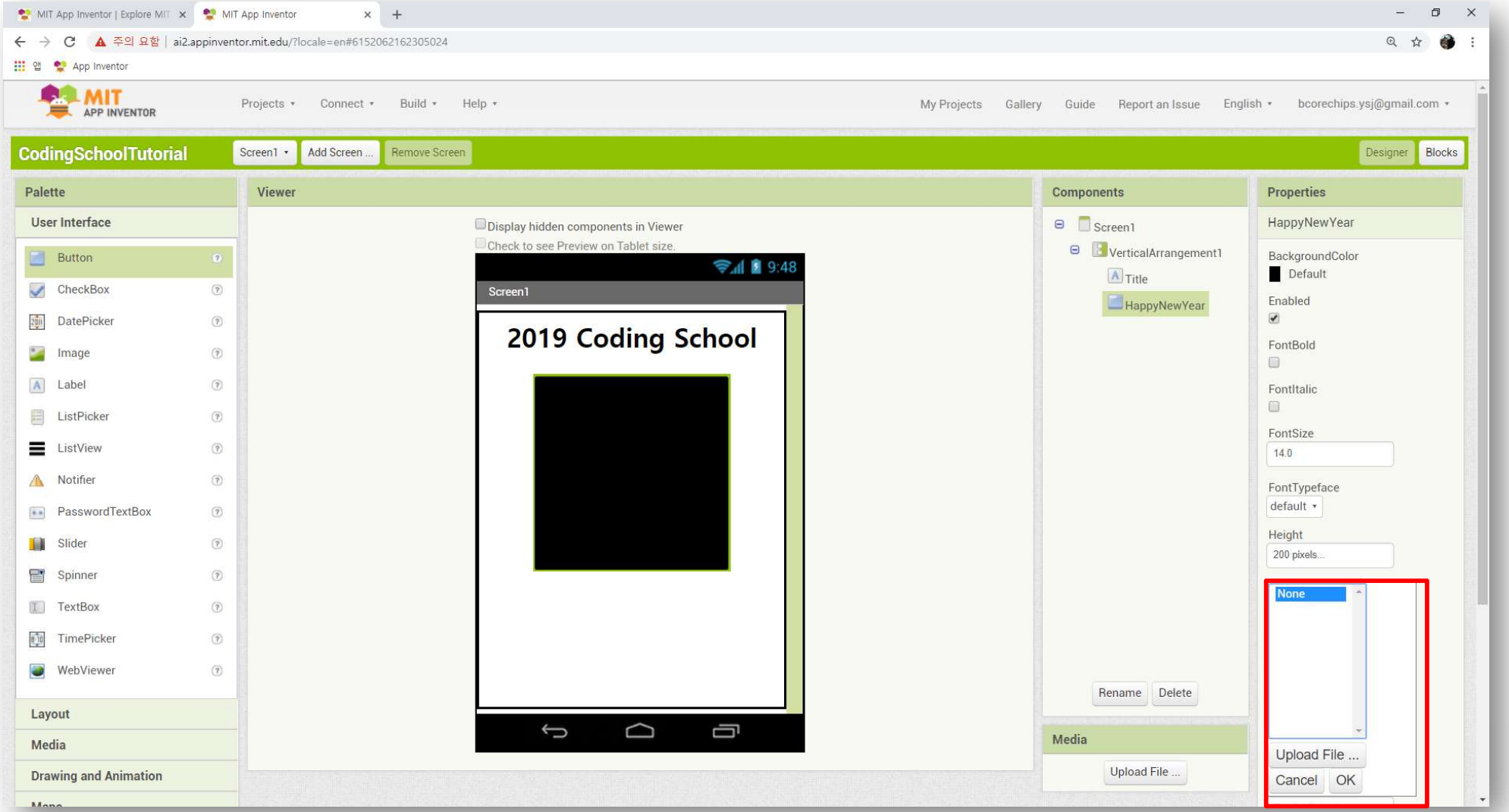
App Inventor Tutorial (14)

❖ 버튼에 이미지 삽입을 위한 파일 업로드



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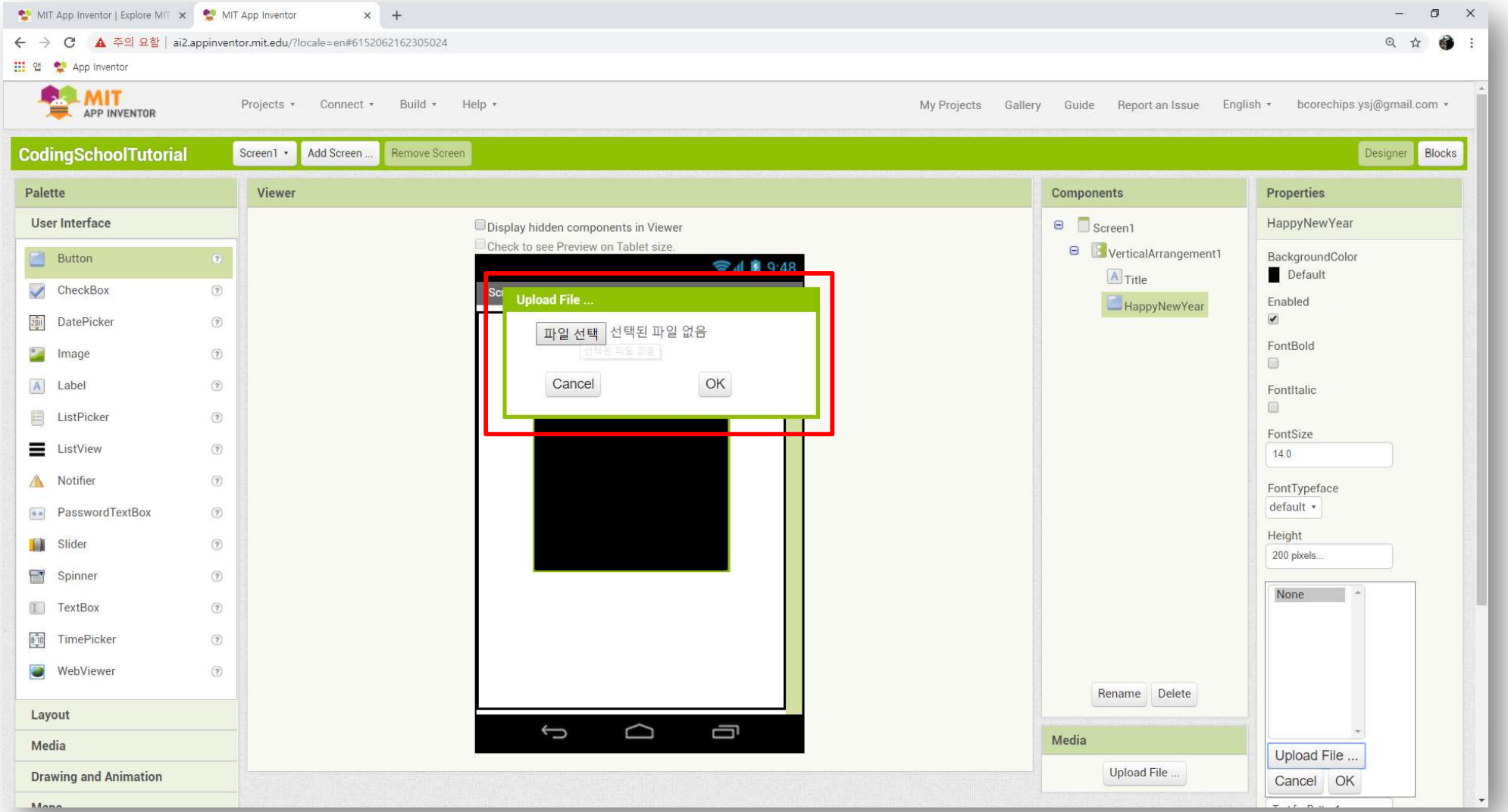
App Inventor Tutorial (15)



App Inventor Tutorial (16)

new_year.jpg

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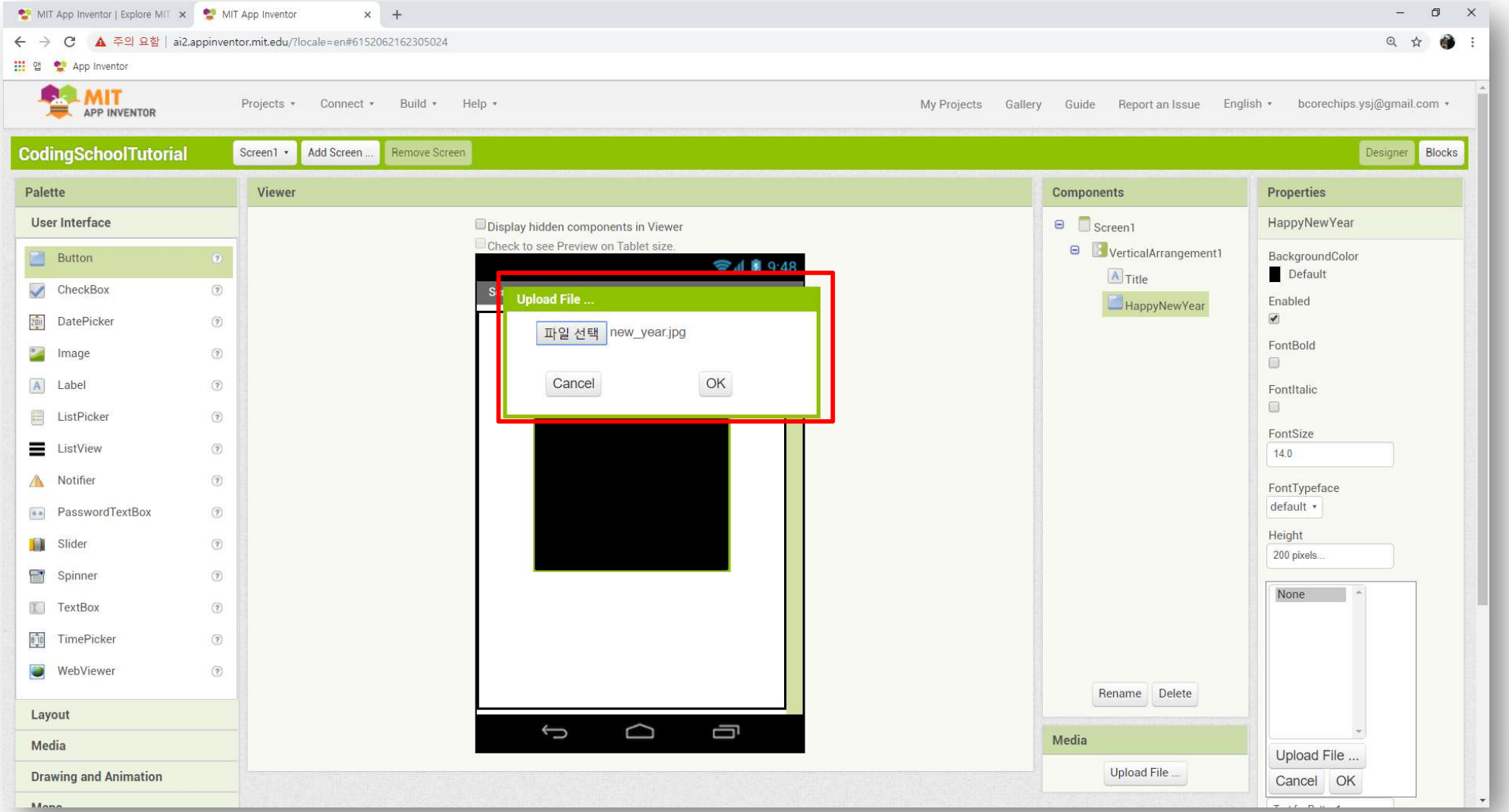
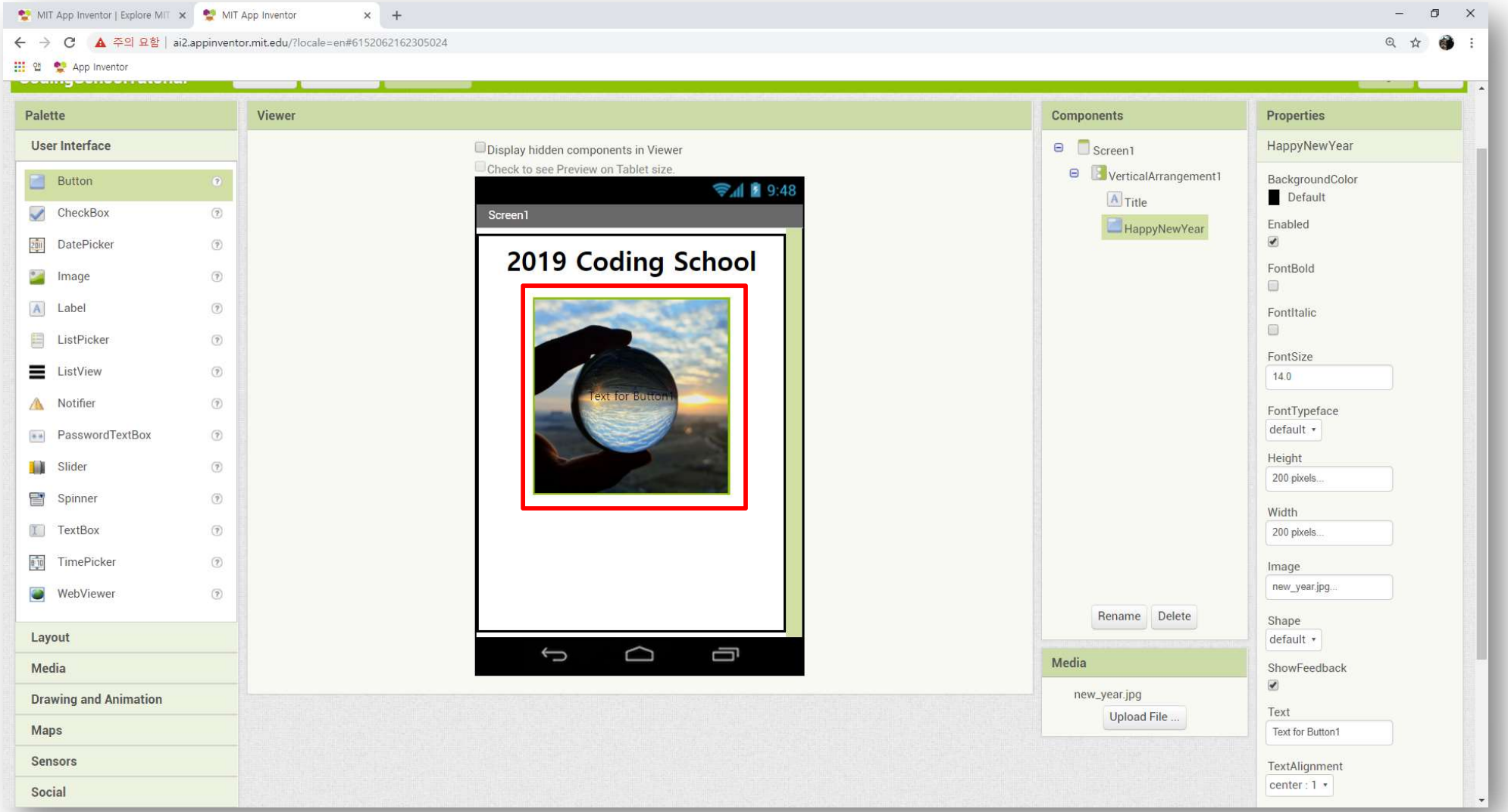
App Inventor Tutorial (17)

❖ 파일 선택후 [OK] 클릭



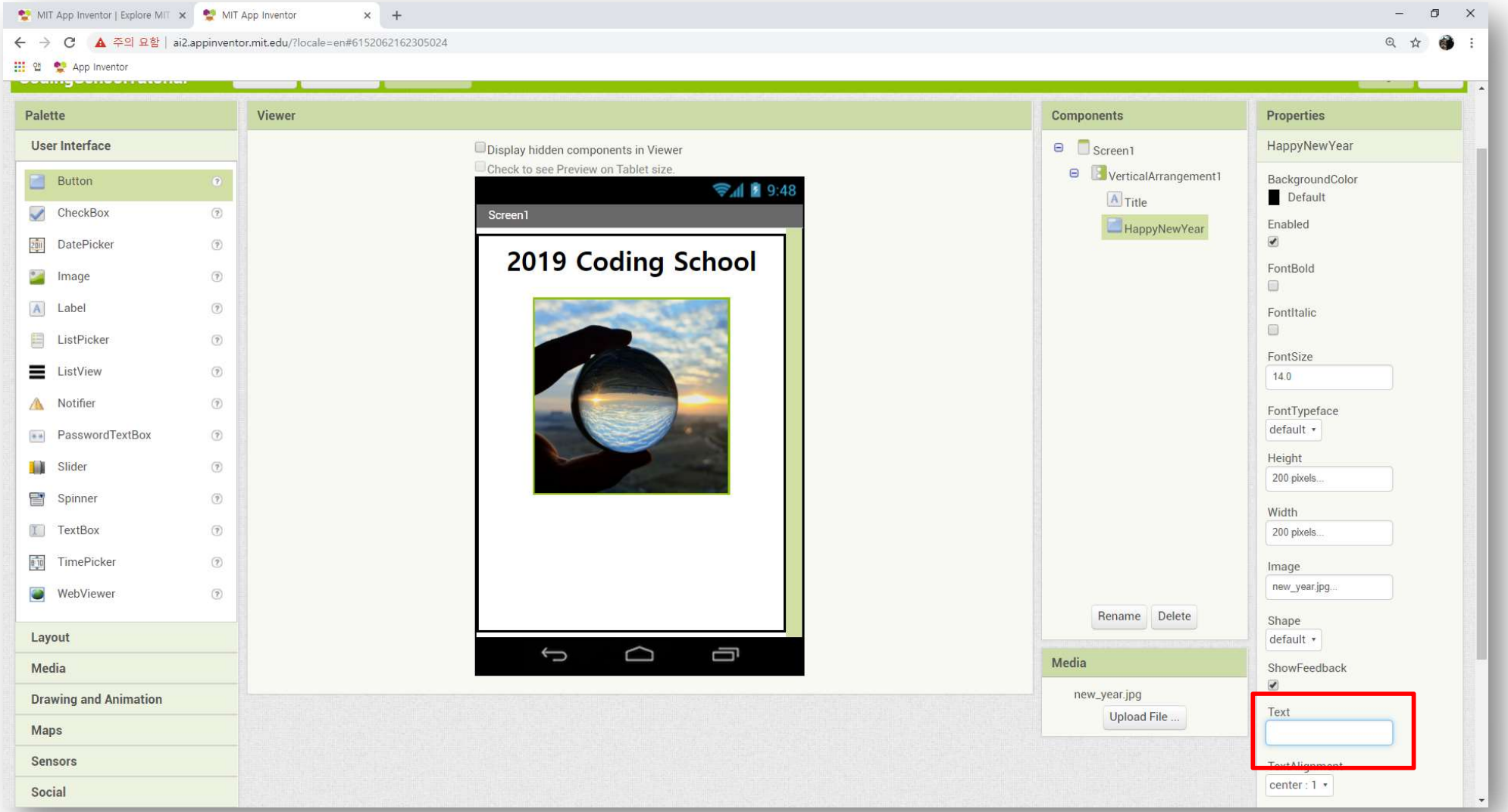
App Inventor Tutorial (18)

❖ 아래와 같이 버튼에 이미지 삽입 확인



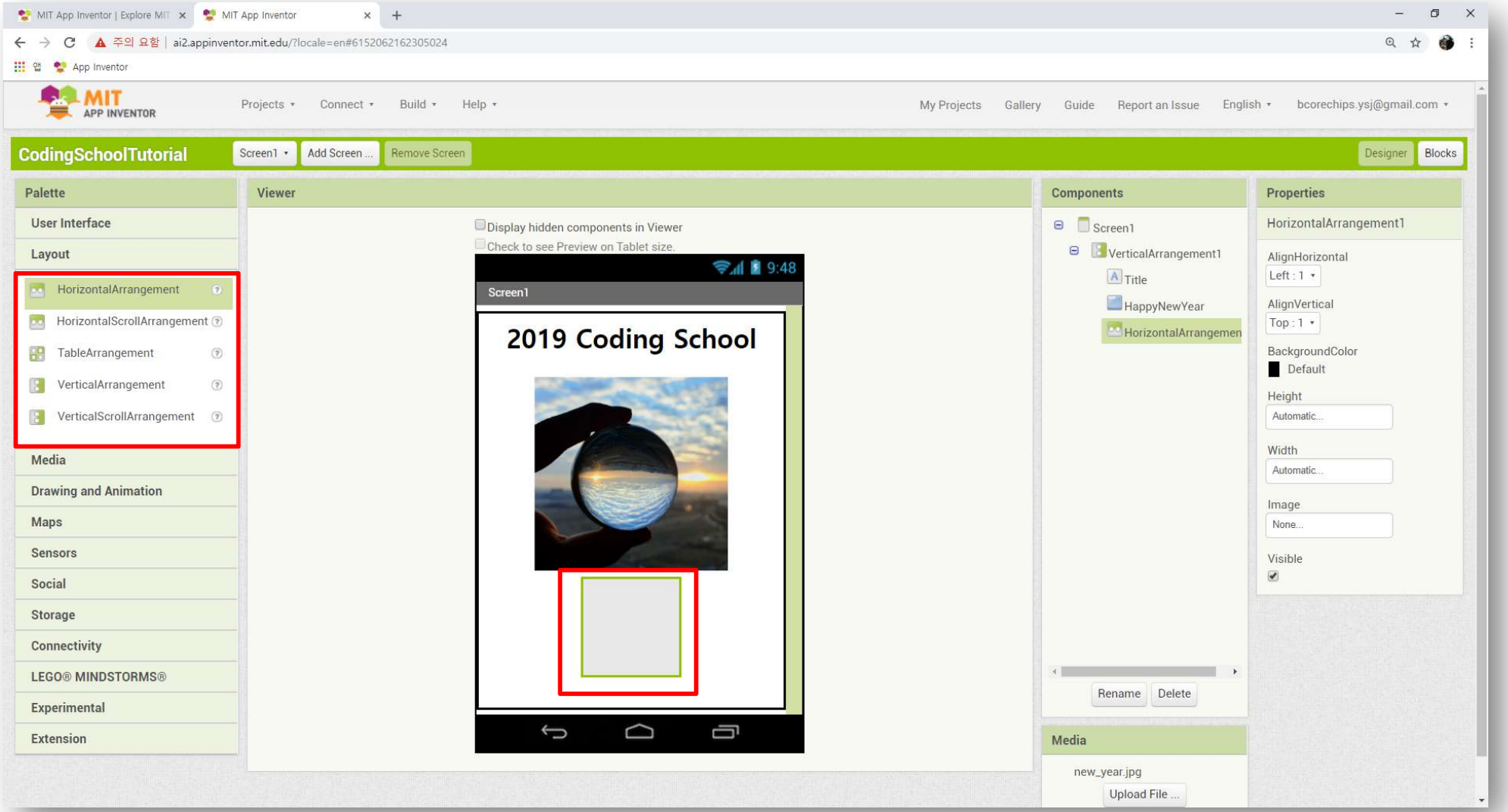
App Inventor Tutorial (19)

❖ 텍스트 부분을 삭제하여 그림에 겹쳐진 텍스트 제거



App Inventor Tutorial (20)

❖ 가로로 버튼 2개를 배치하기 위해 Layout에서 HorizontalArrangement 선택



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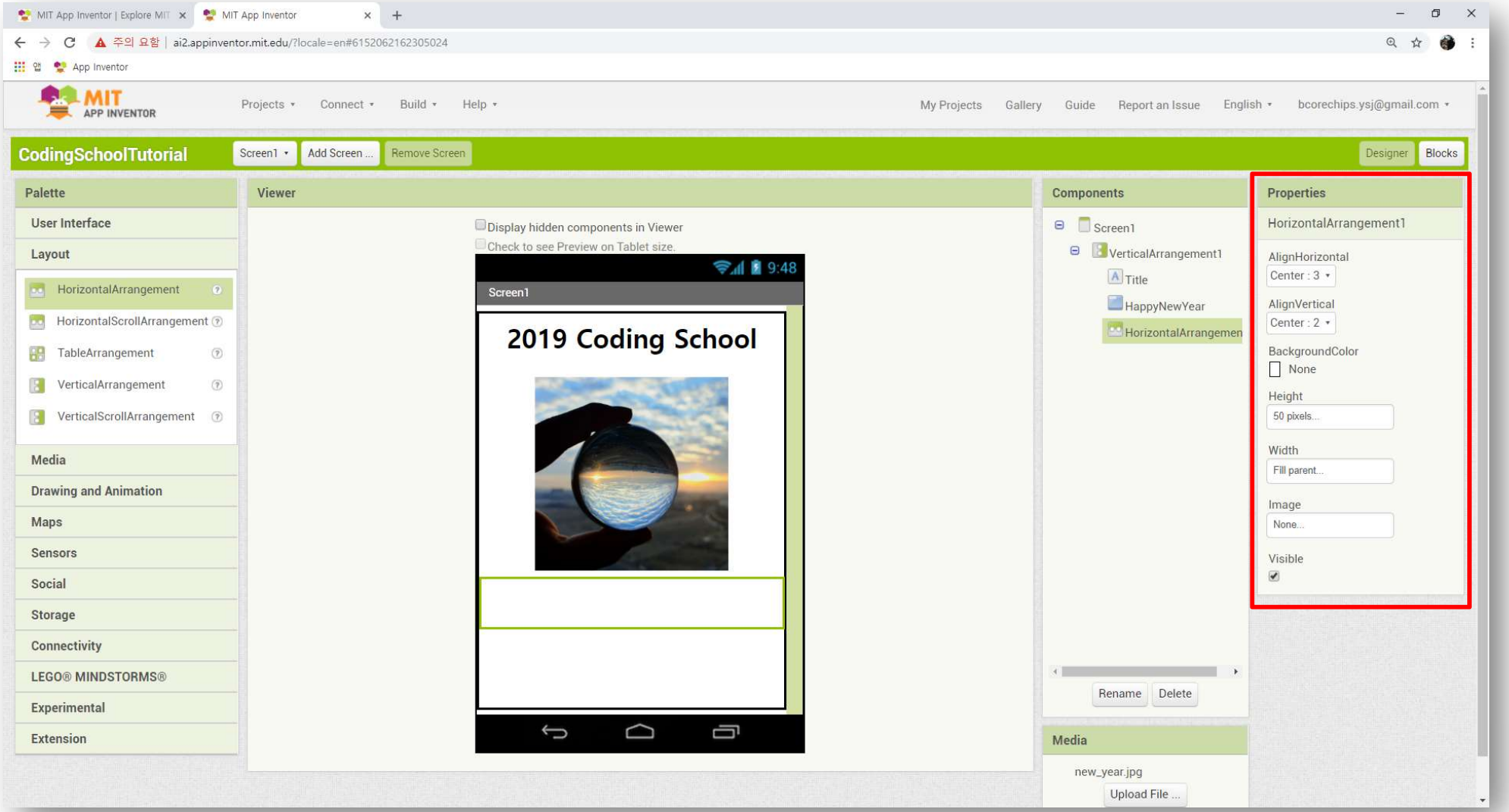
App Inventor Tutorial (21)

❖ 속성에서 너비는 최대로, 높이는 50pixel 정도로 변경



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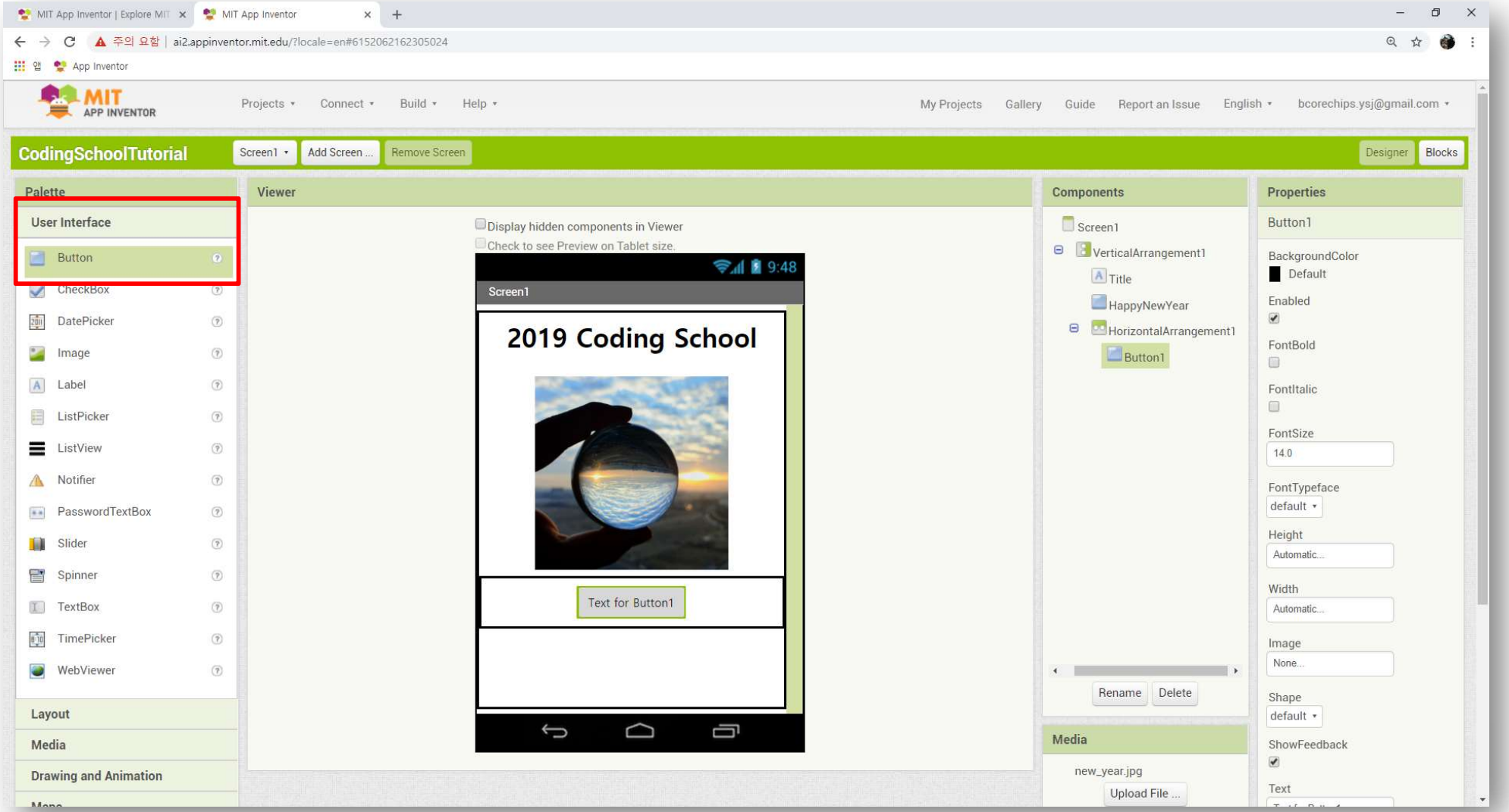
App Inventor Tutorial (22)

❖ 팔레트에서 버튼을 이전 레이아웃에 배치



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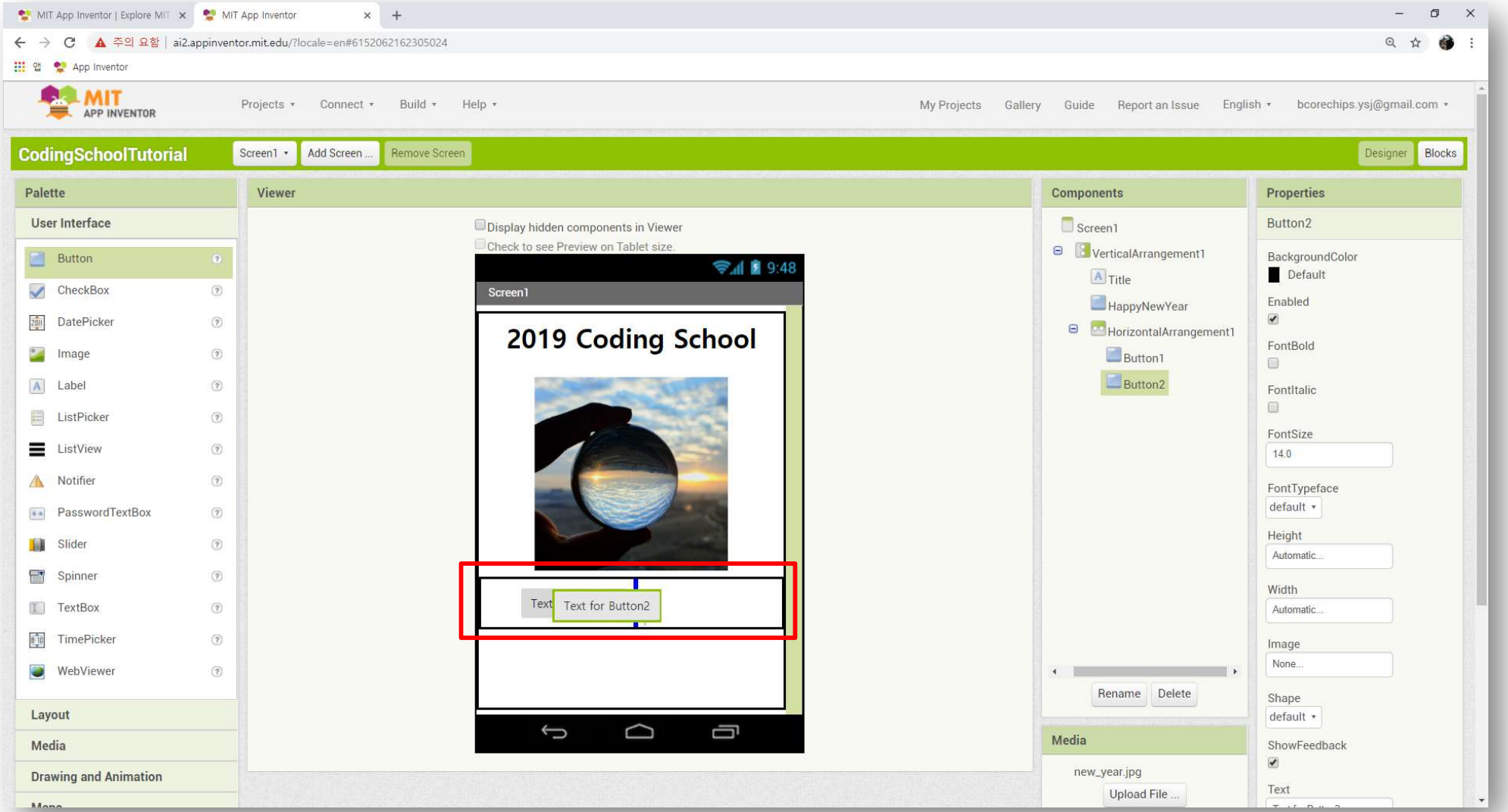
App Inventor Tutorial (23)

❖ 추가로 버튼 배치 (파란선 부분에 놓여짐)



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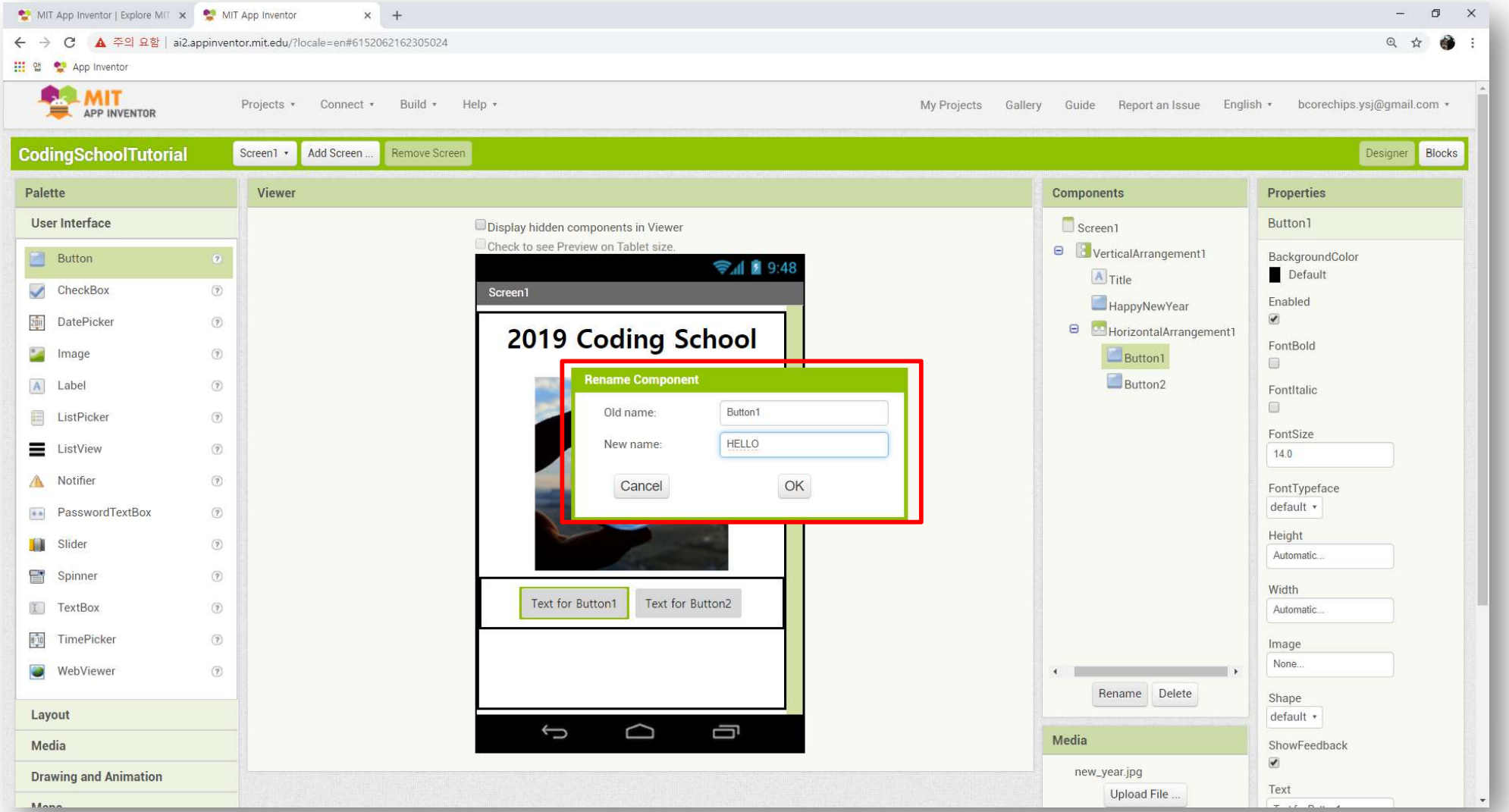
App Inventor Tutorial (24)

❖ 버튼 이름 변경



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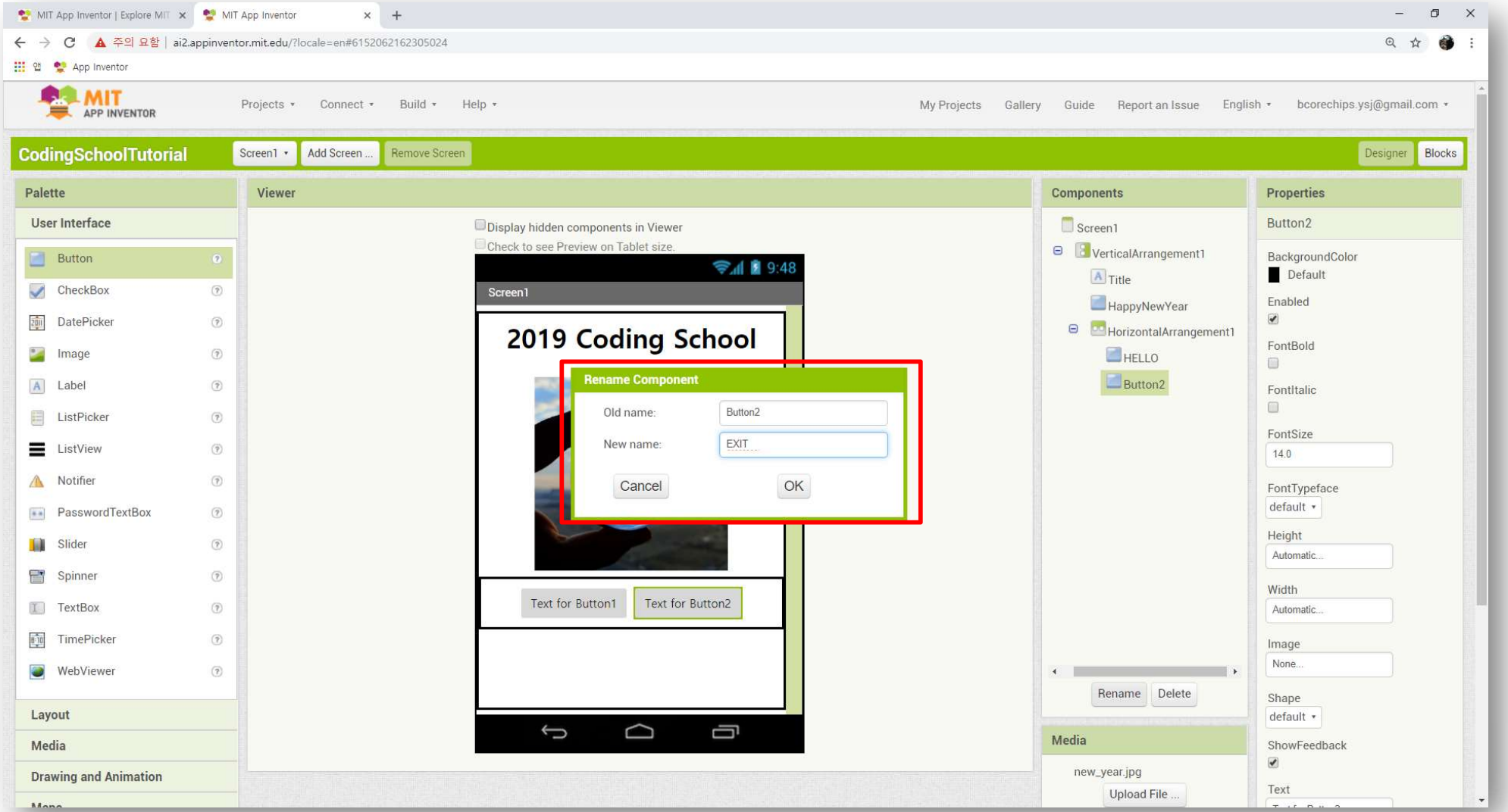
App Inventor Tutorial (25)

❖ 버튼 이름 변경



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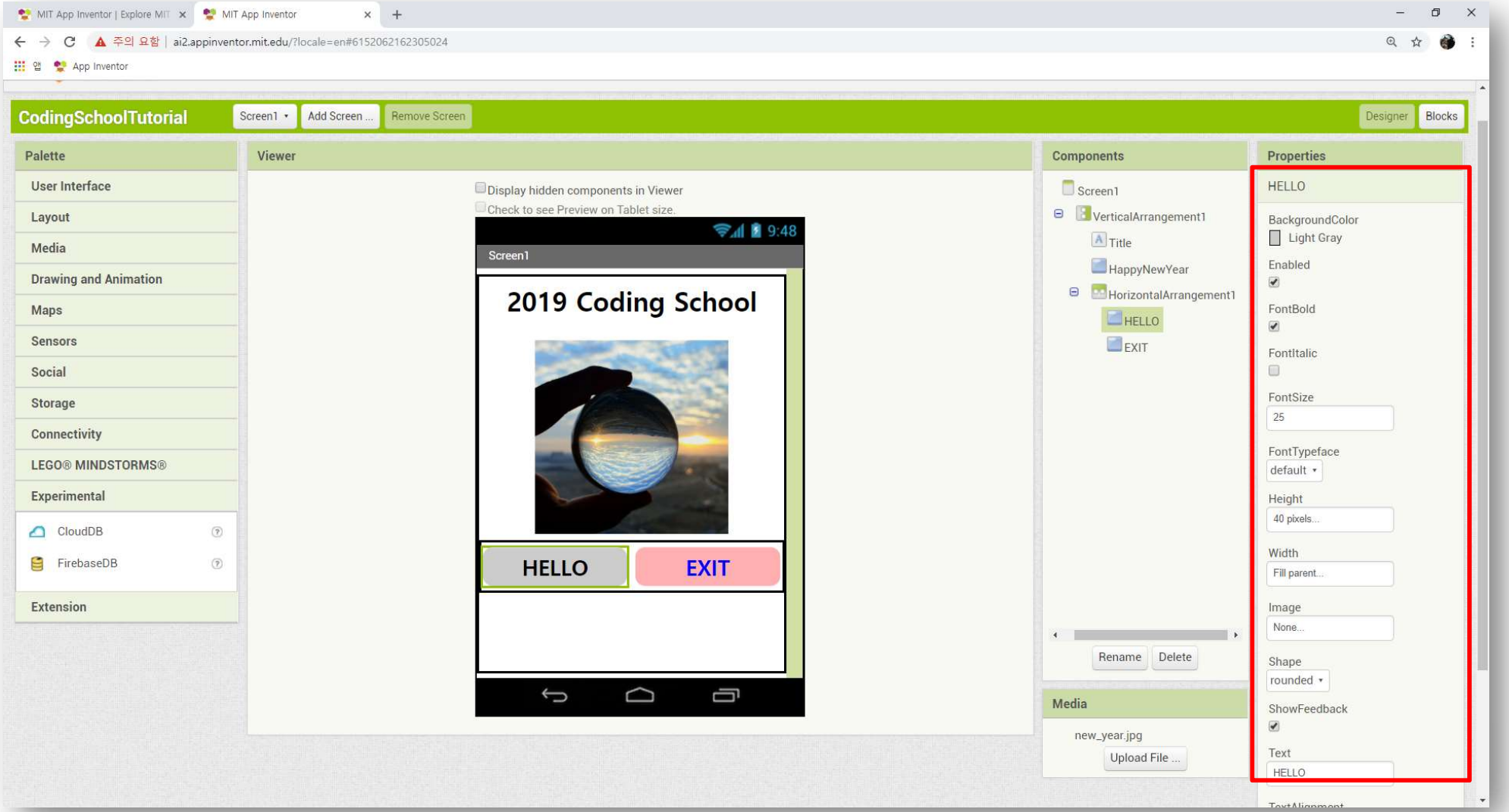
App Inventor Tutorial (26)

❖ 오른쪽 속성에서 모양, 색상, 글자크기 조정



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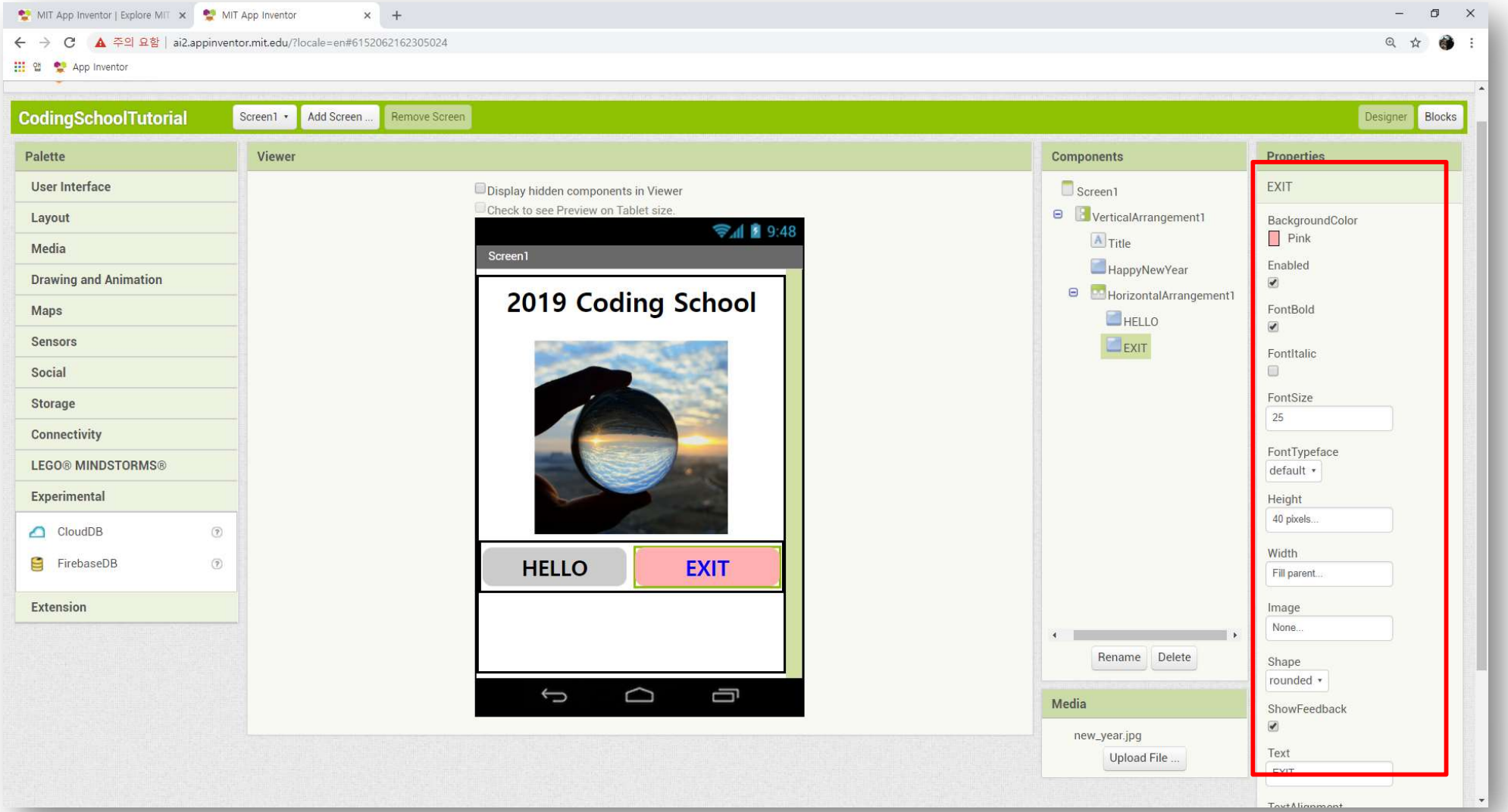
(주)바른코어칩스

App Inventor Tutorial (27)

❖ 오른쪽 속성에서 모양, 색상, 글자크기 조정



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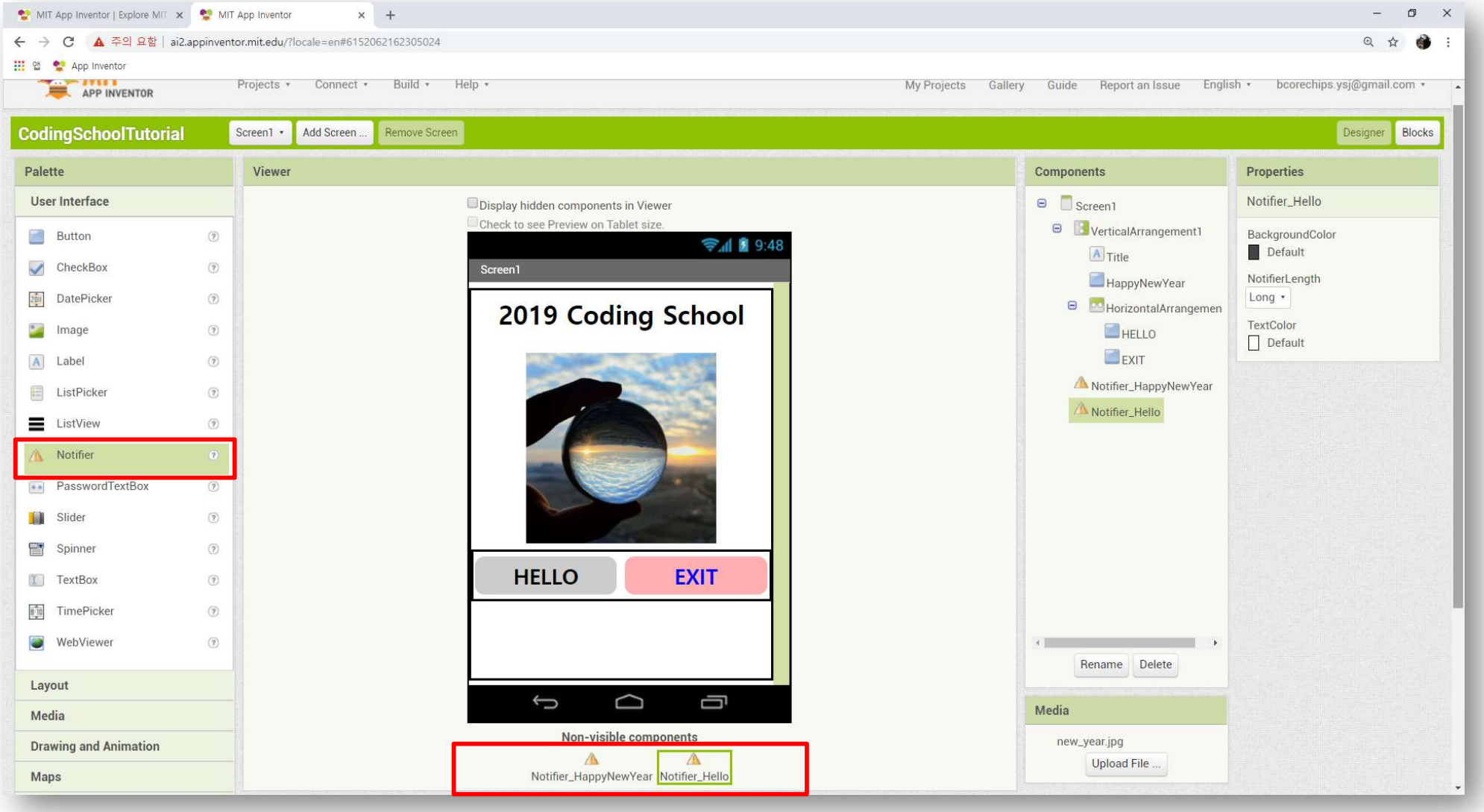
App Inventor Tutorial (28)

❖ User Interface의 Notifier를 그림과 같이 2개 배치



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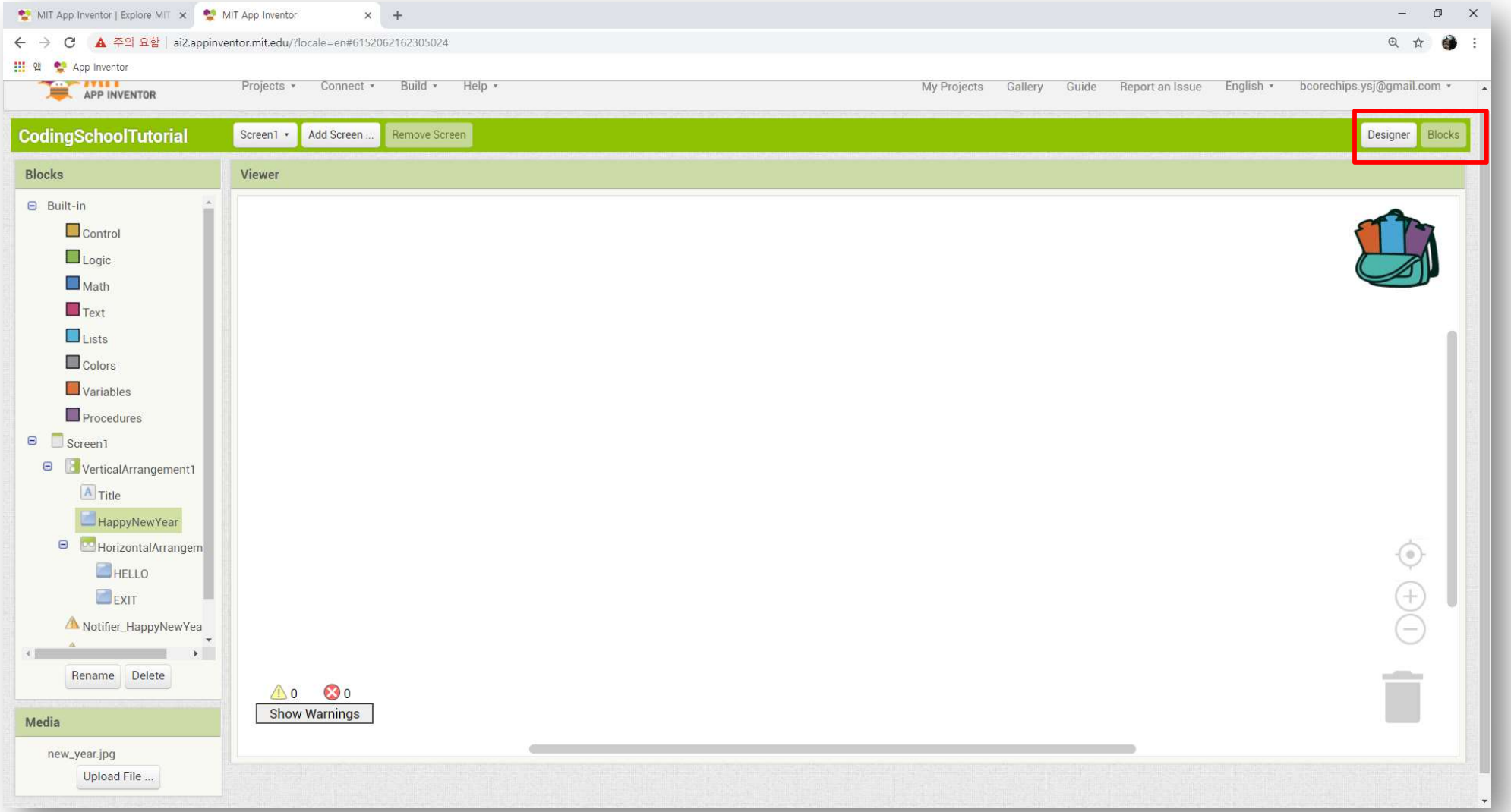
App Inventor Tutorial (29)

❖ [Blocks]를 클릭하여 화면 전환



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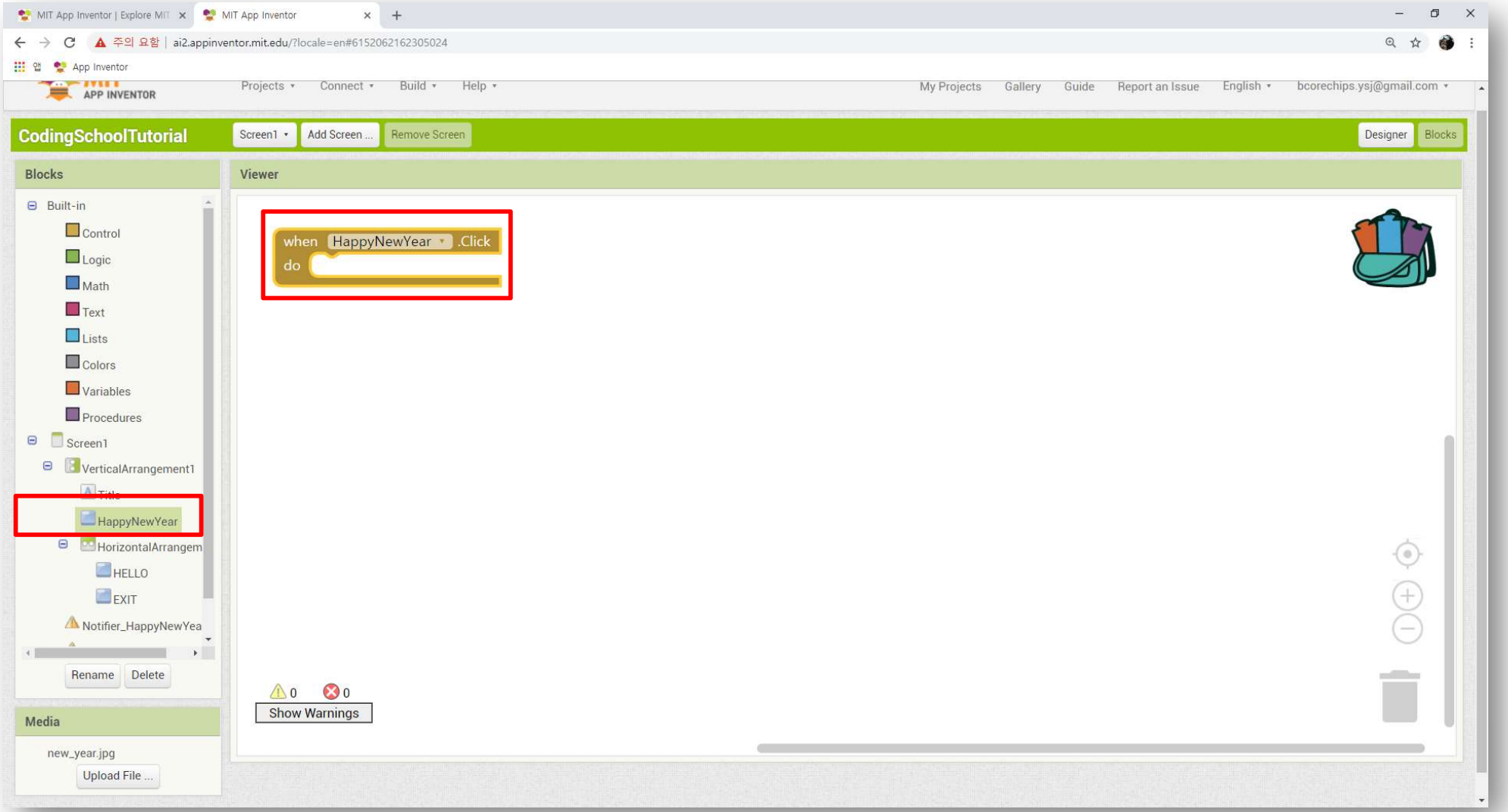
App Inventor Tutorial (30)

❖ 아래 부분을 클릭하여 오른쪽의 블록 배치



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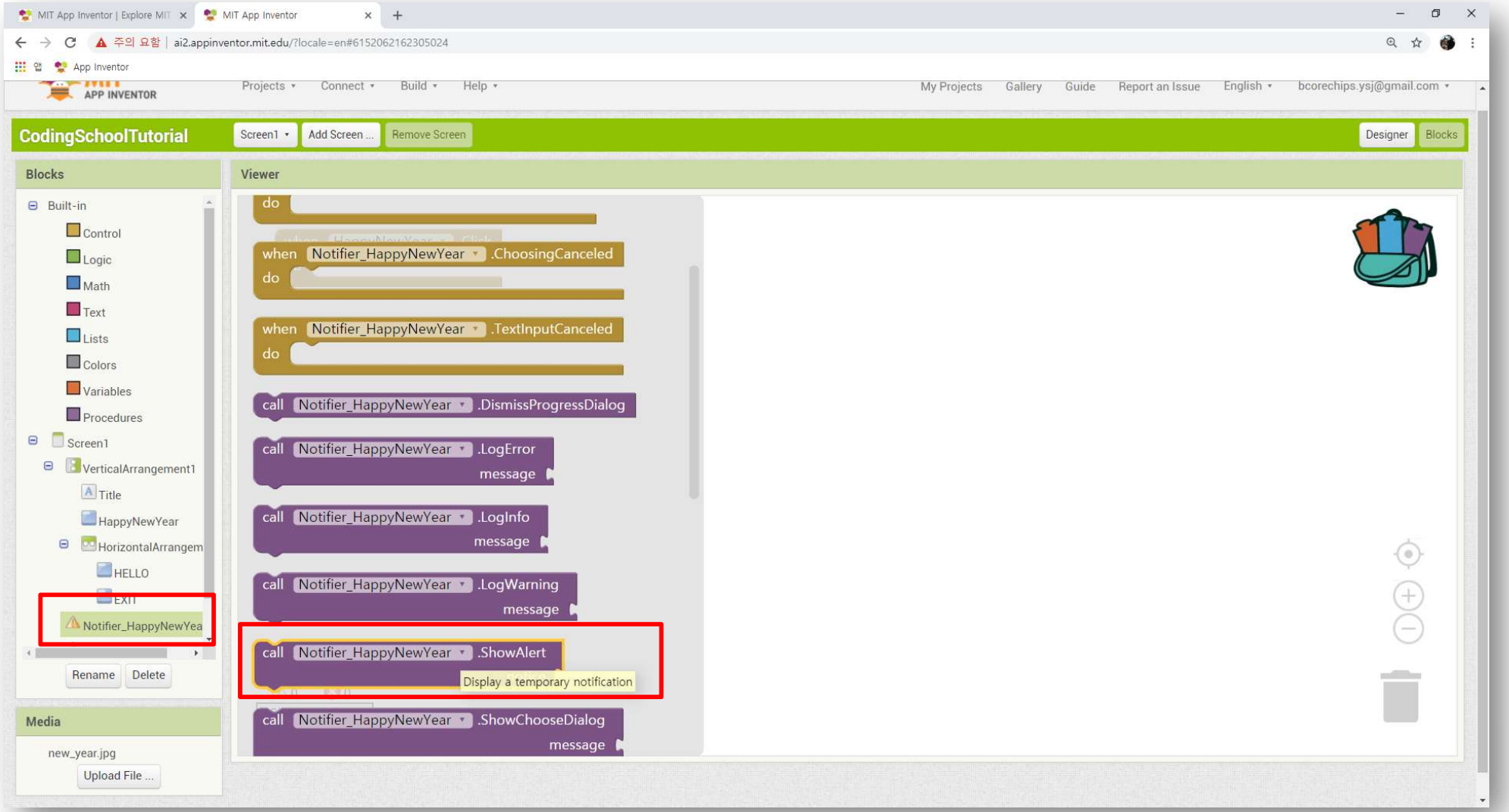
App Inventor Tutorial (31)

❖ 첫번째 notifier를 클릭하여 ShowAlert 블록 배치



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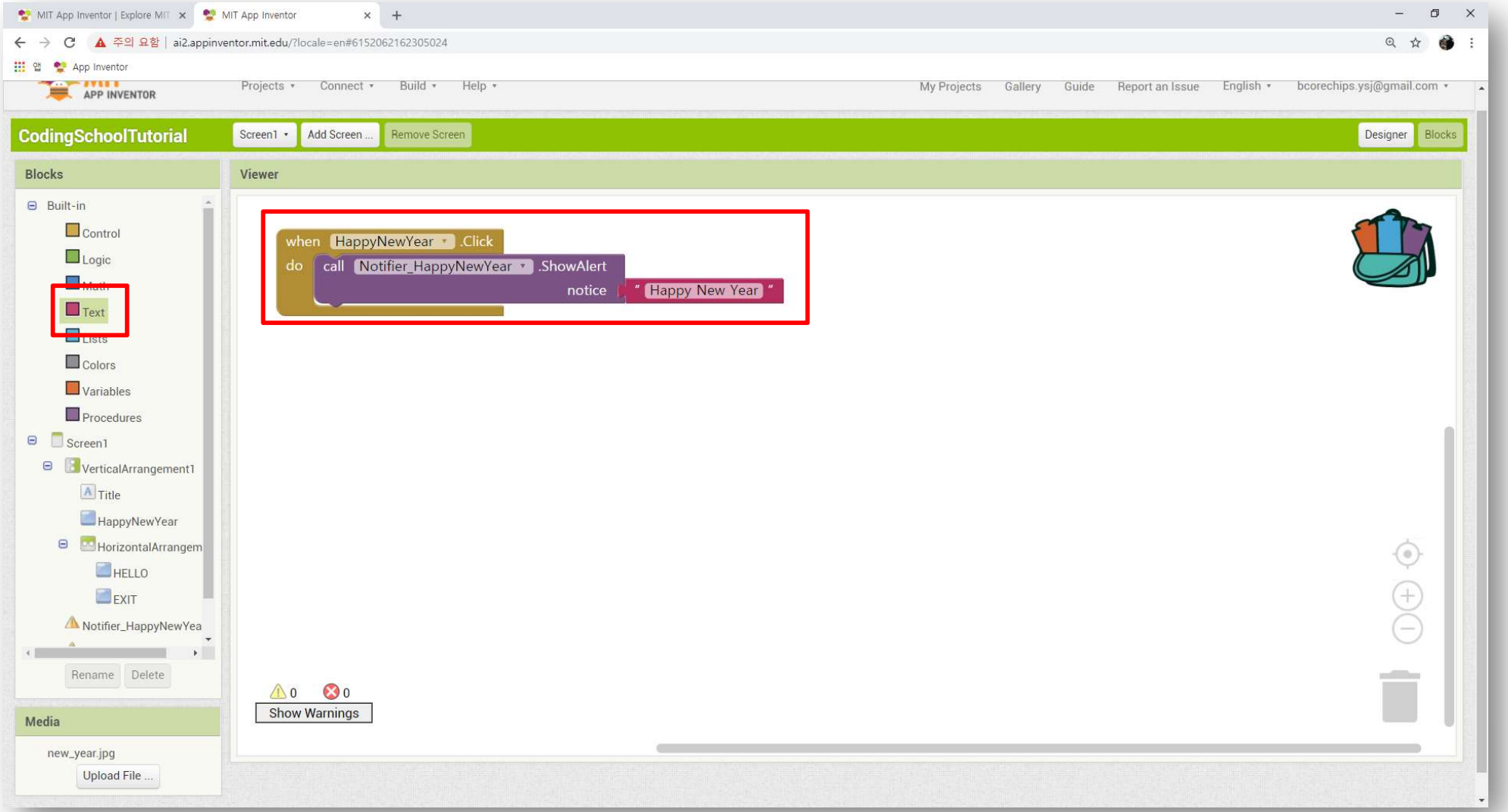
App Inventor Tutorial (32)

❖ 왼쪽의 Text를 클릭하여 오른쪽 그림과 같이 설정



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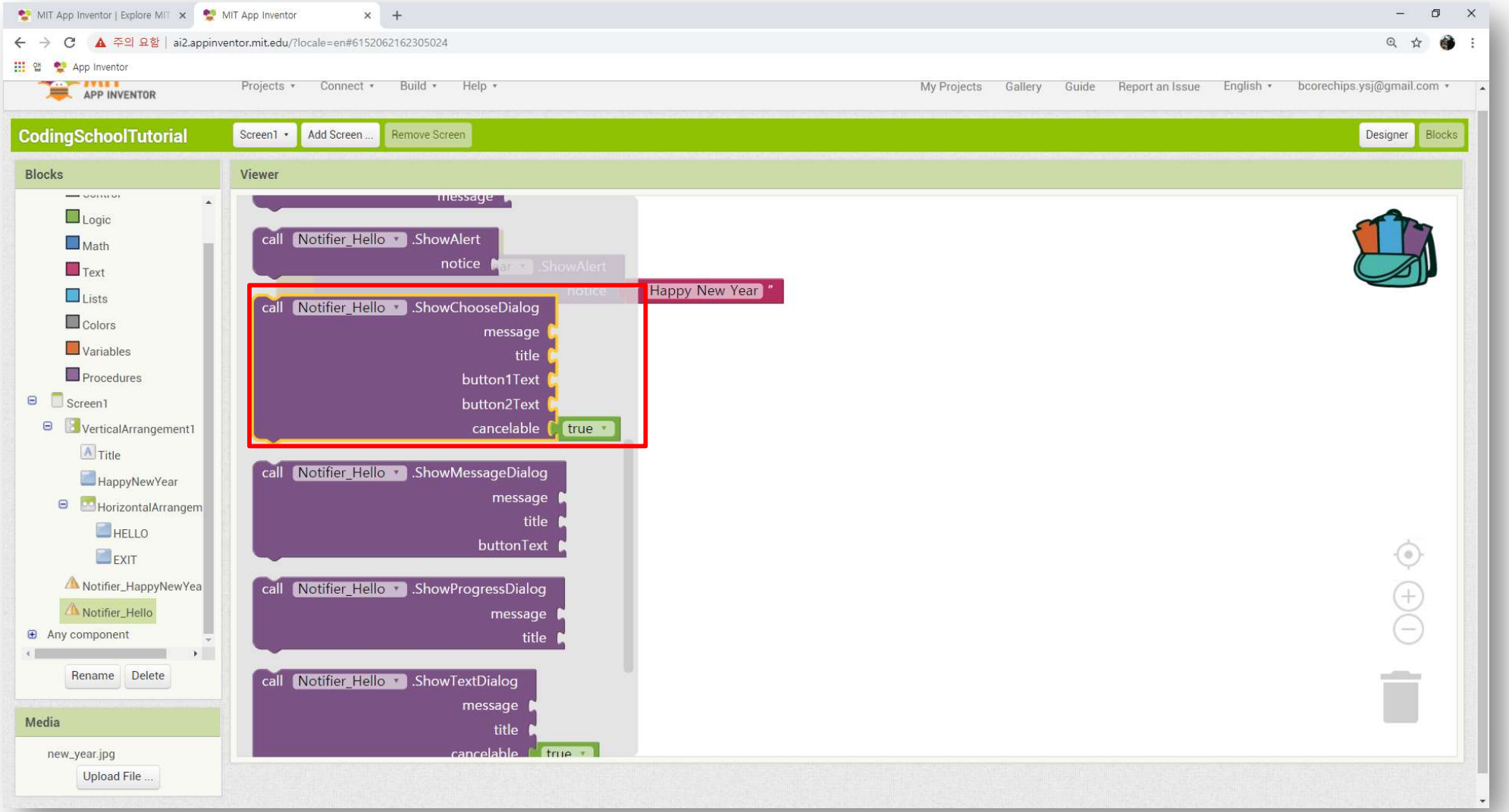
App Inventor Tutorial (33)

❖ HELLO 버튼을 누를 경우 Notifier_Hello 실행 될 수 있도록 설정(ShowChooseDialog)



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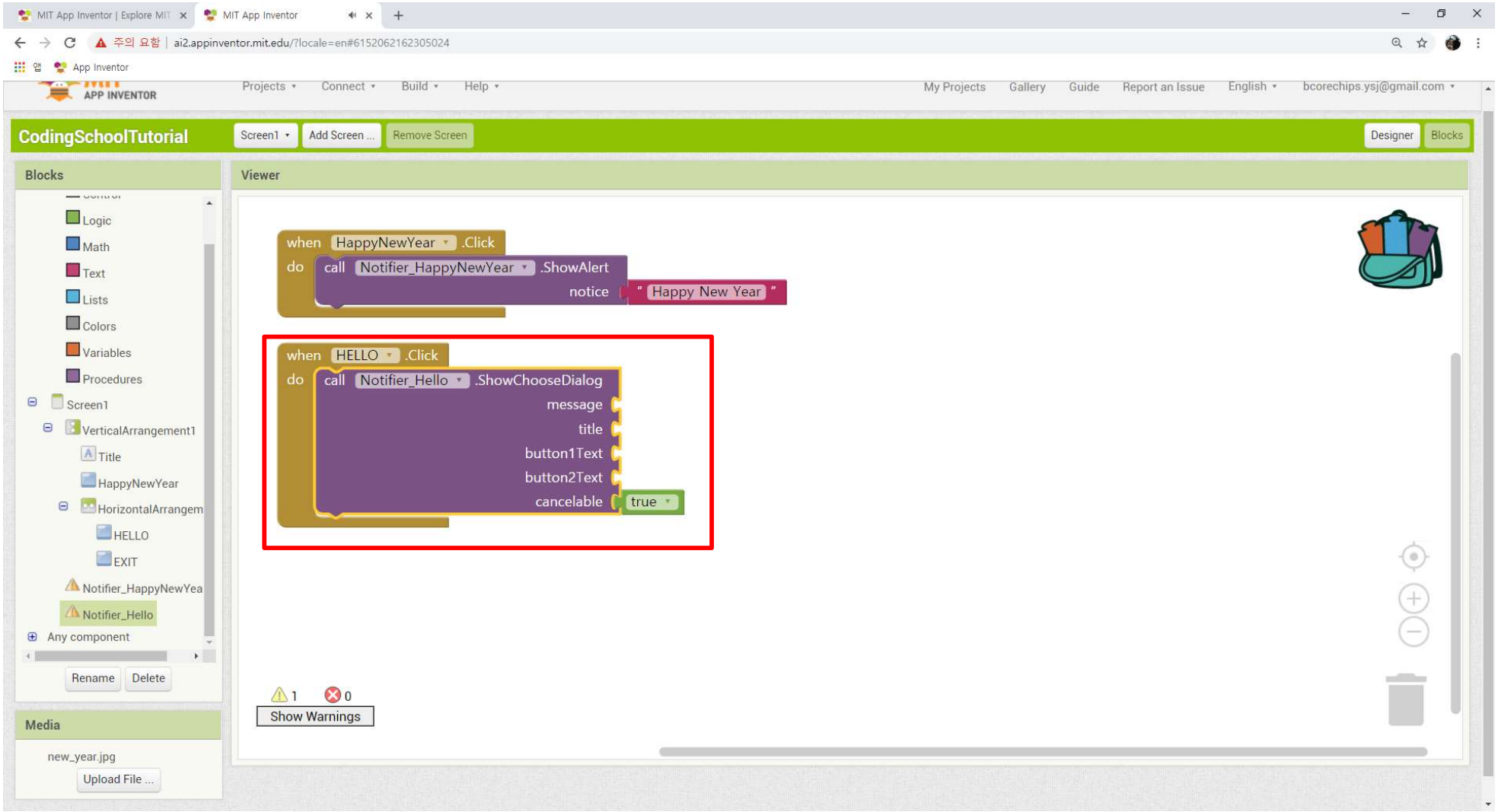
App Inventor Tutorial (34)

❖ ShowChooseDialog를 아래와 같이 배치



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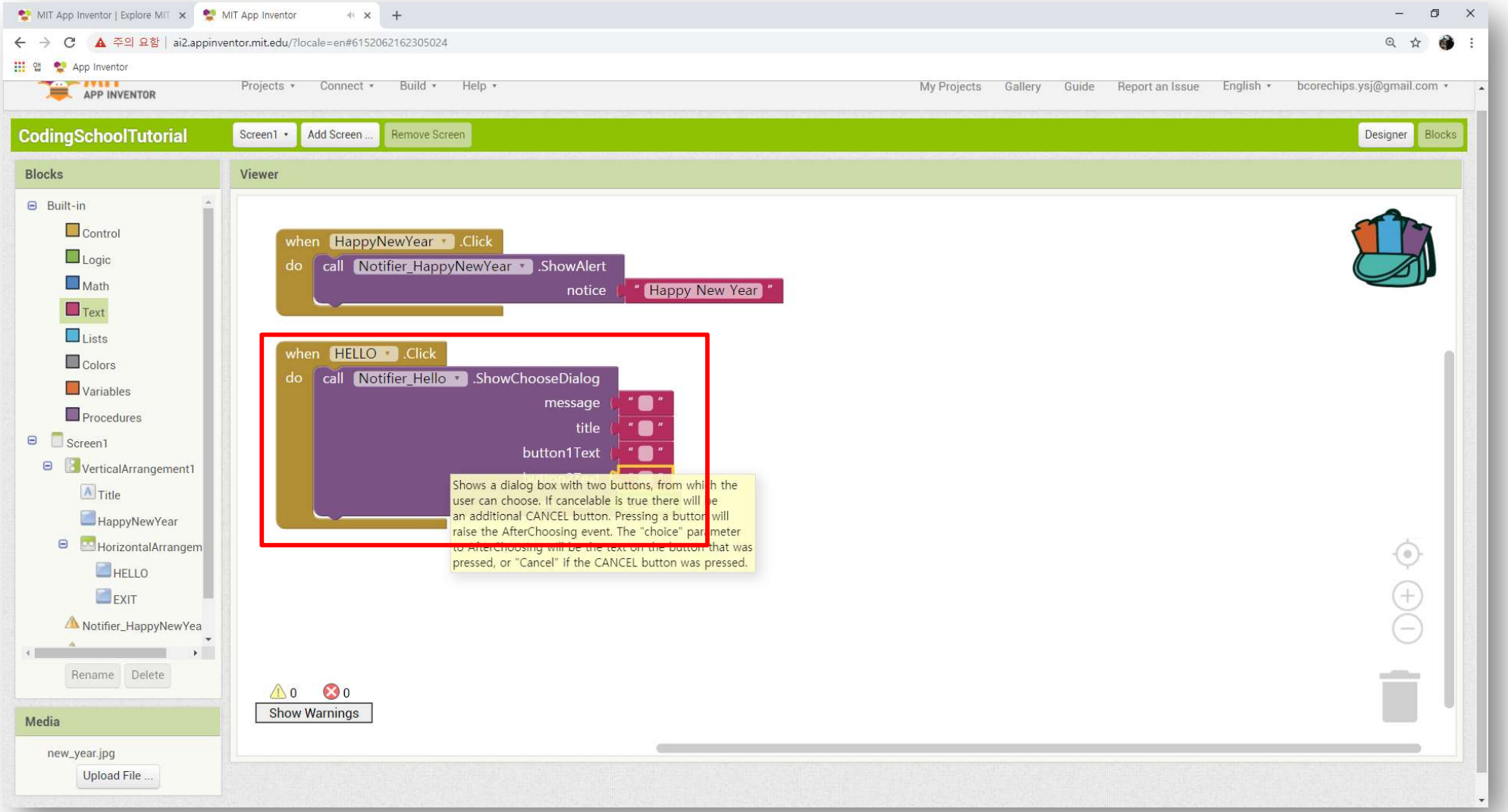
App Inventor Tutorial (35)

❖ ShowChooseDialog의 각 요소에 Text블록 배치



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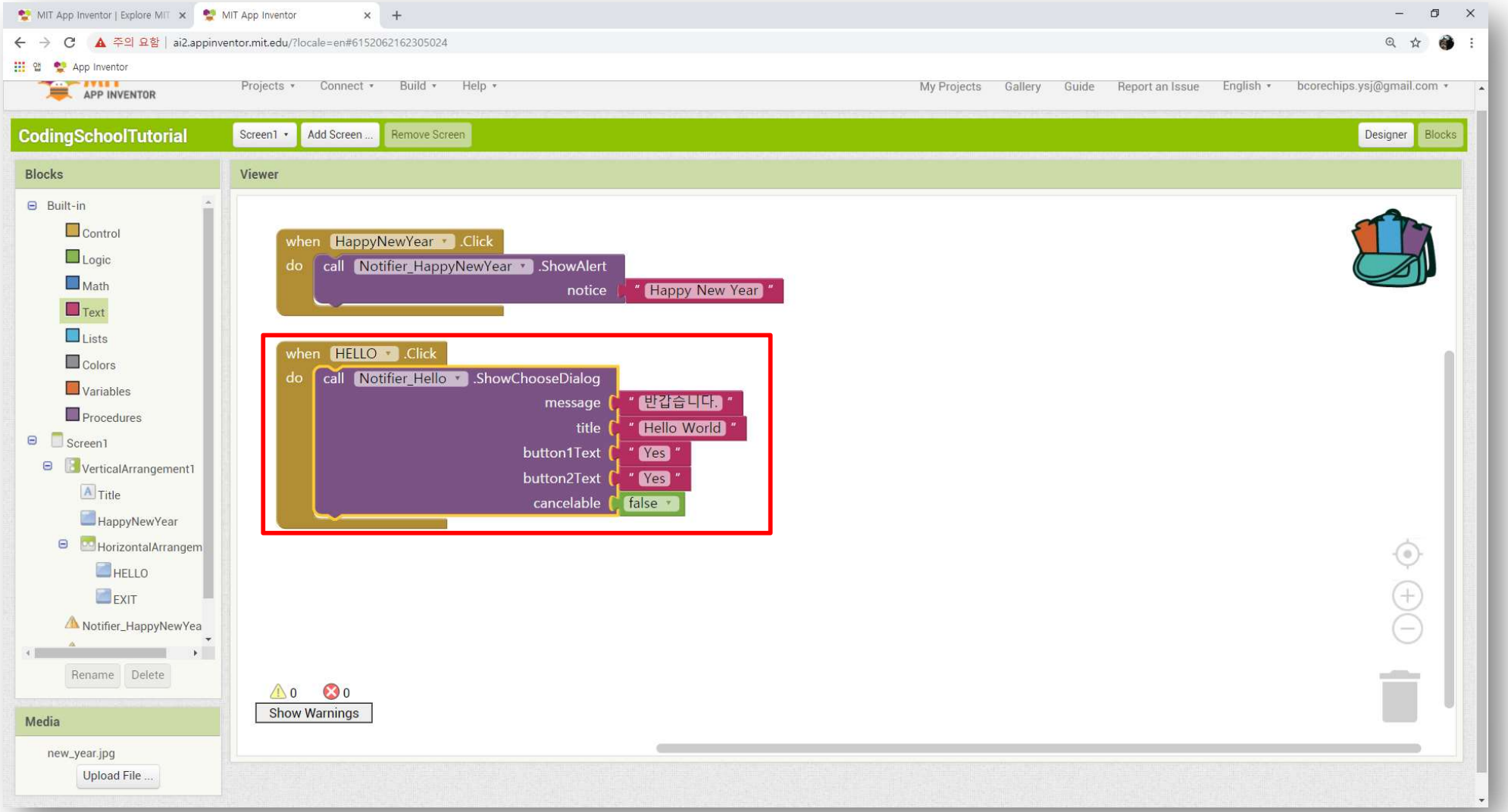
App Inventor Tutorial (36)

❖ ShowChooseDialog의 각 텍스트 블록에 아래와 같이 입력



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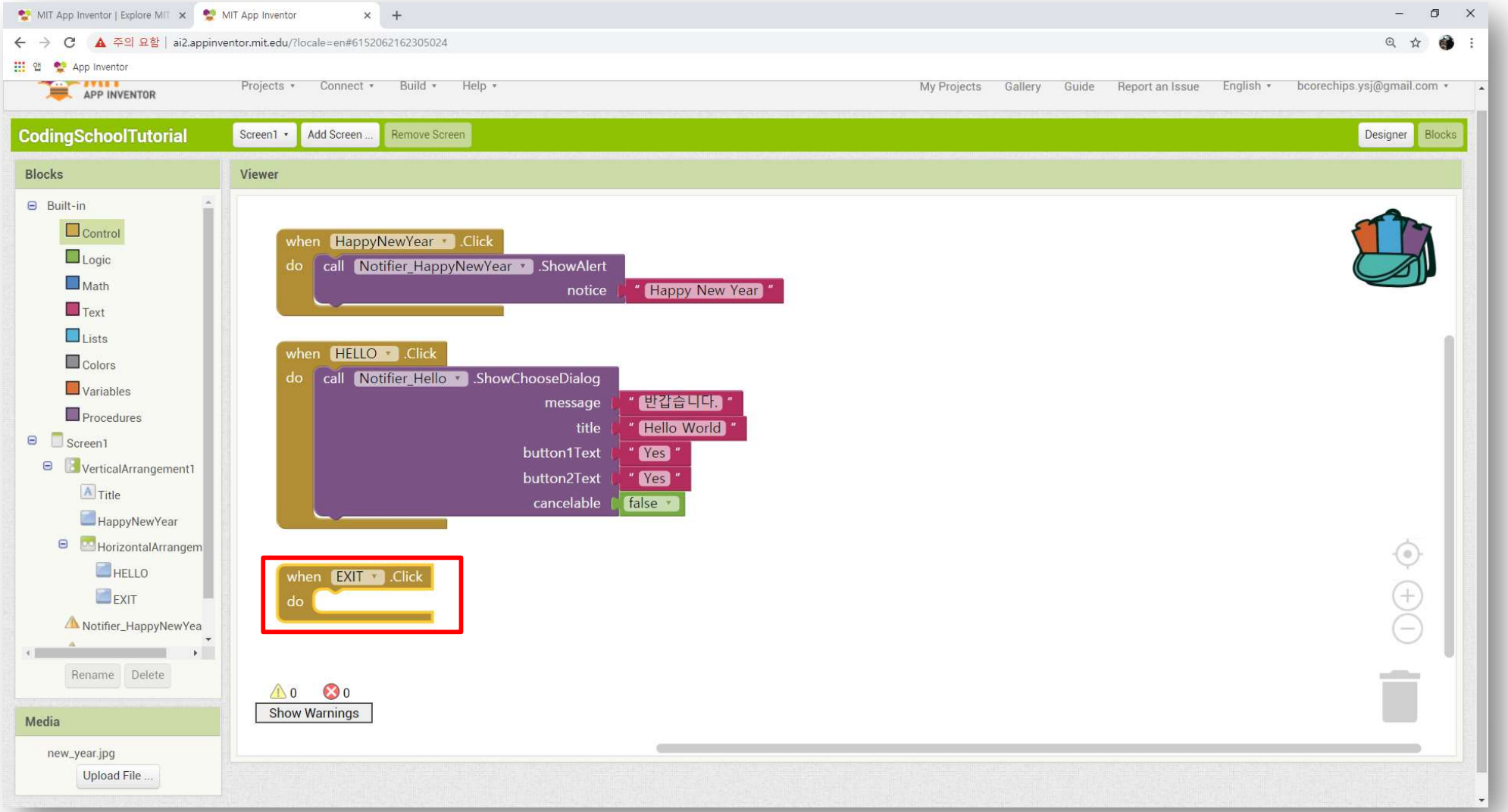
App Inventor Tutorial (37)

❖ EXIT 버튼을 누를 경우에 대한 케이스



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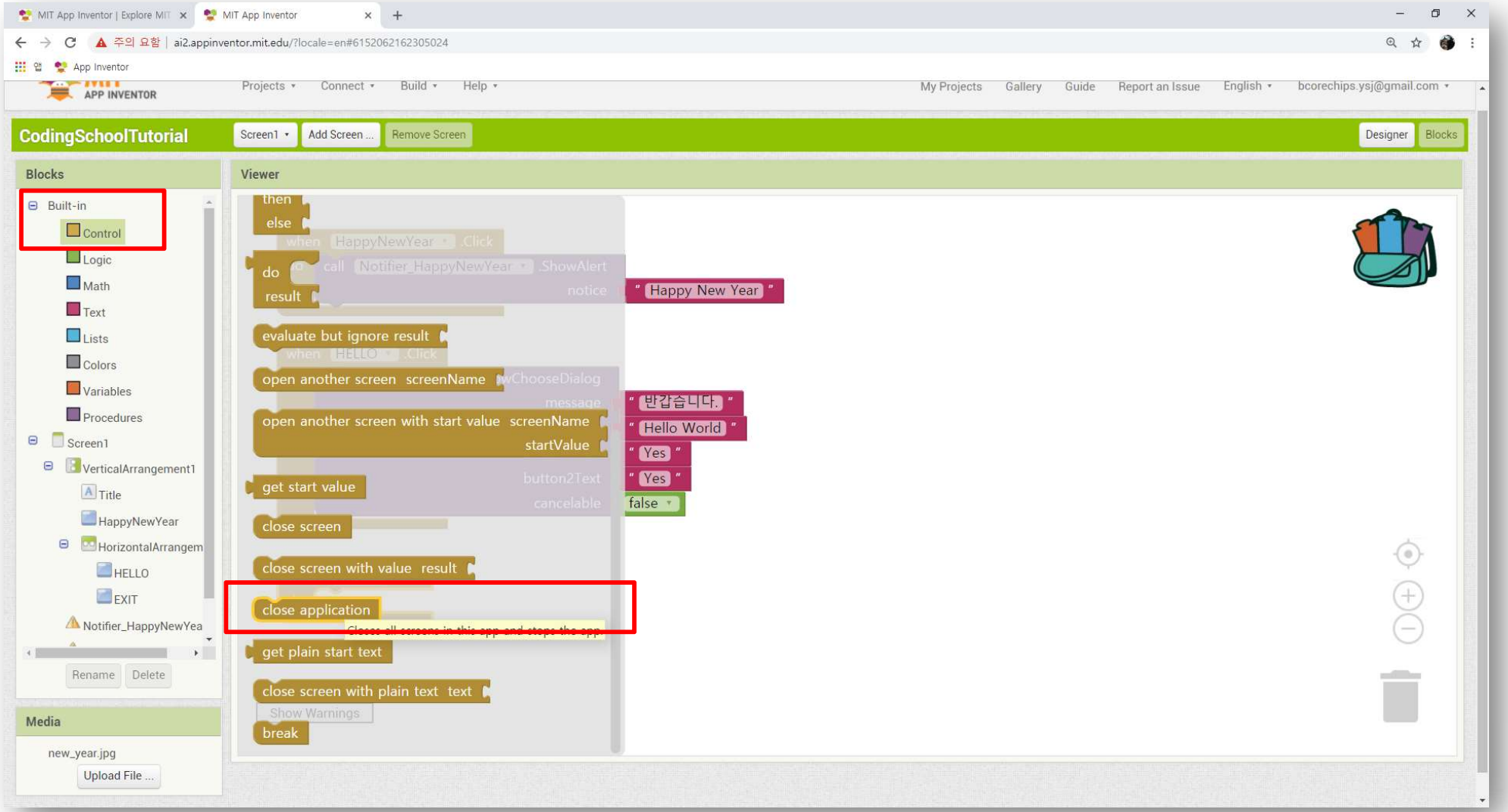
App Inventor Tutorial (38)

❖ Control에서 Close Application 선택



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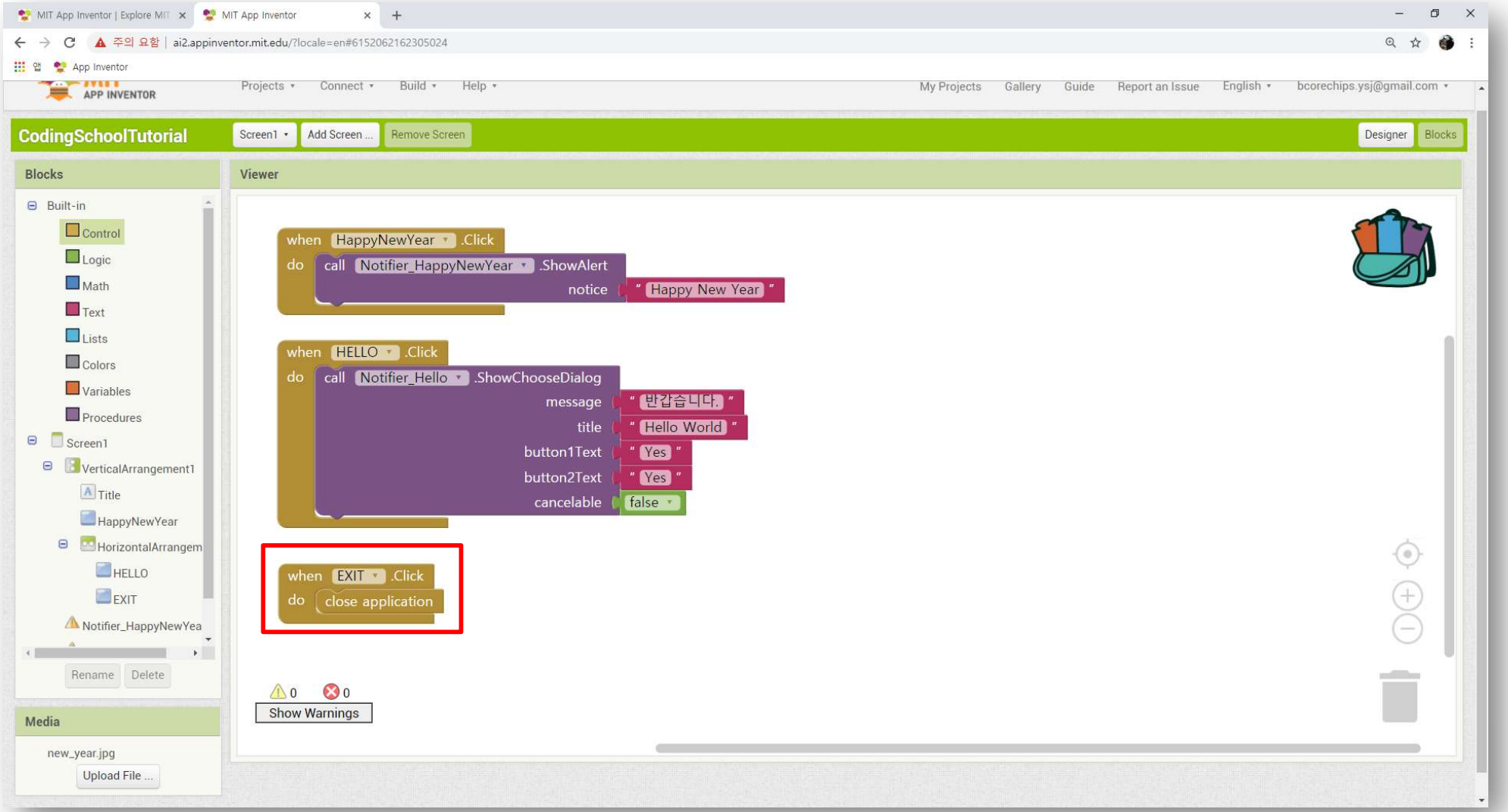
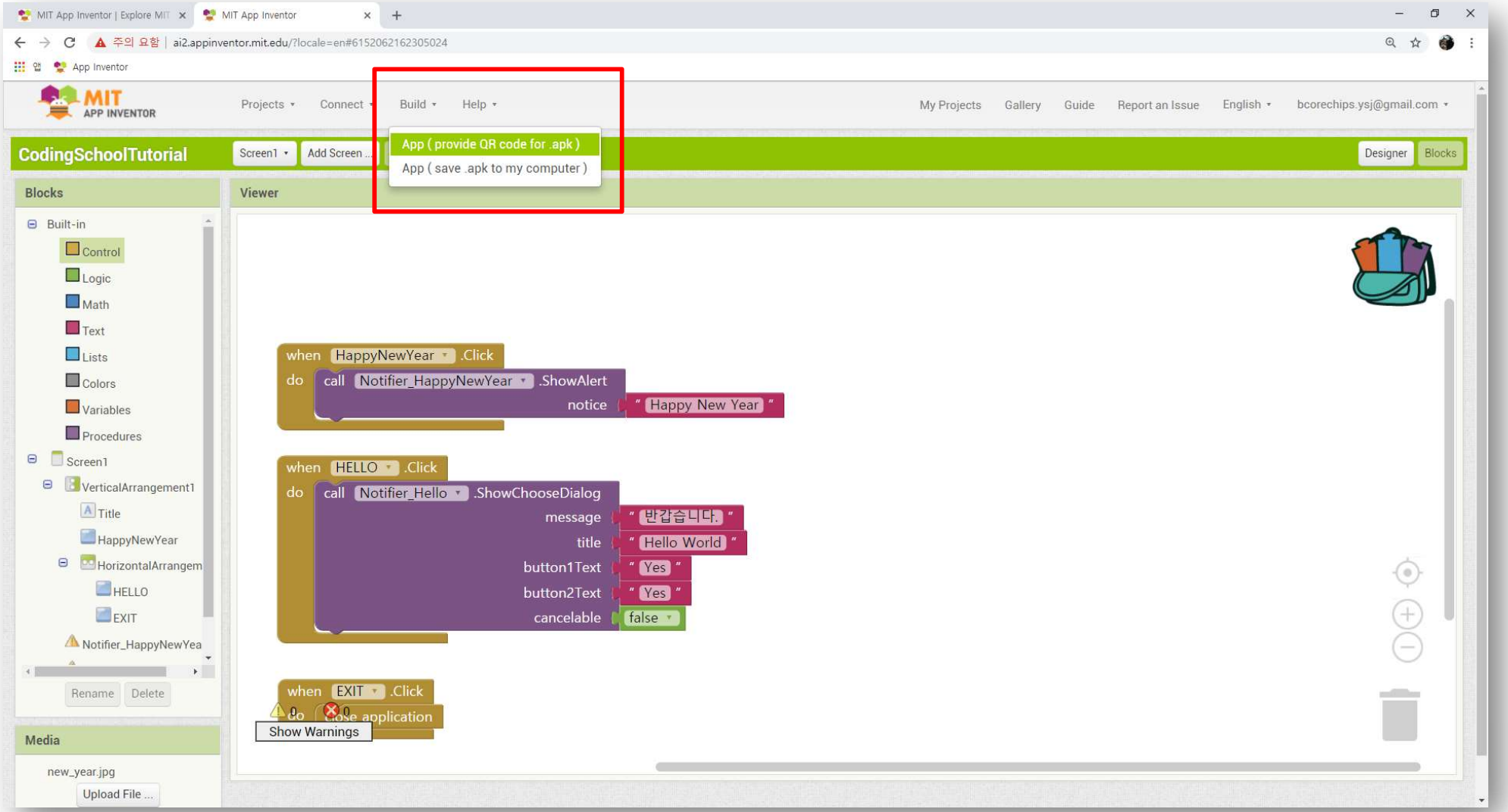
App Inventor Tutorial (39)

❖ 아래의 그림과 같이 EXIT 버튼을 누를 경우 APP 종료 설정



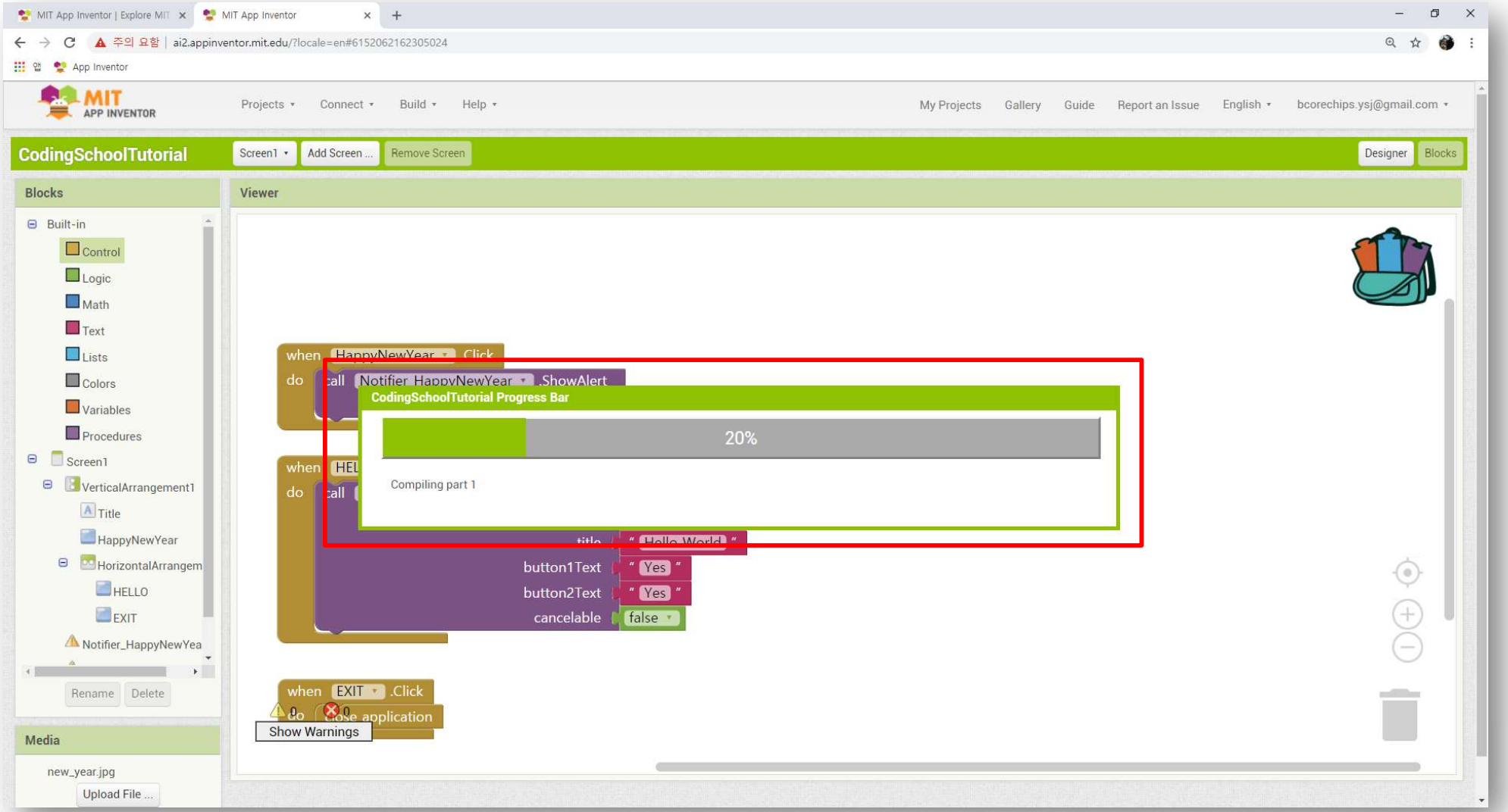
App Inventor Tutorial (4)

❖ [Build] - [App (provide QR code for .apk)] 클릭



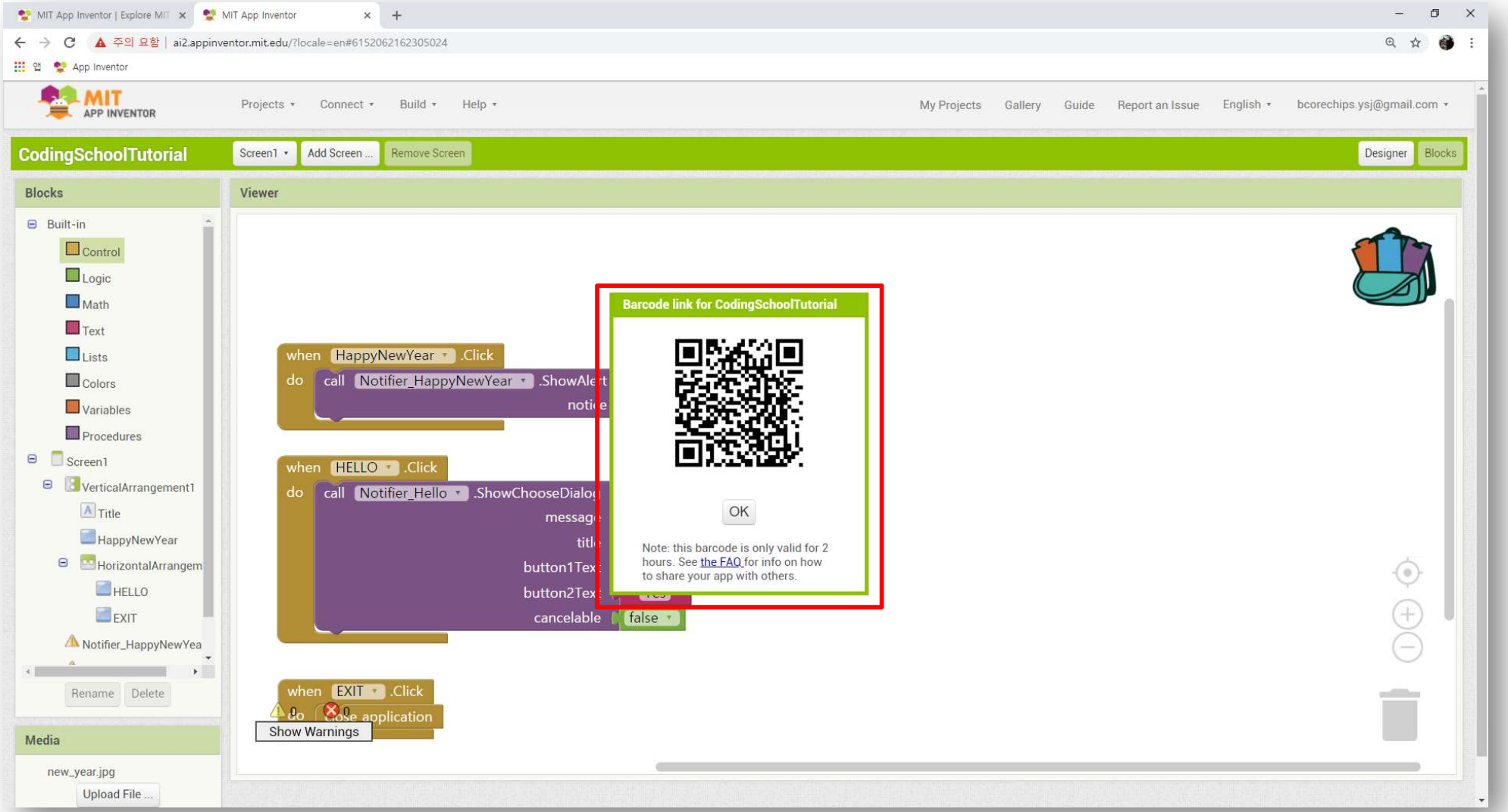
App Inventor Tutorial (41)

❖ Build 완료까지 대기



App Inventor Tutorial (42)

❖ QR코드 스캔 후 프로그램(.apk) 다운로드



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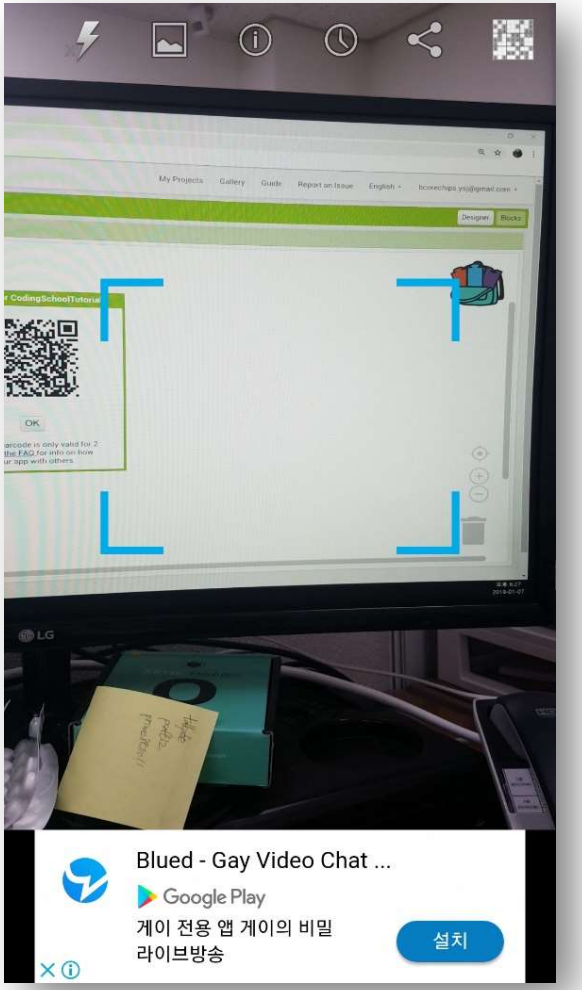
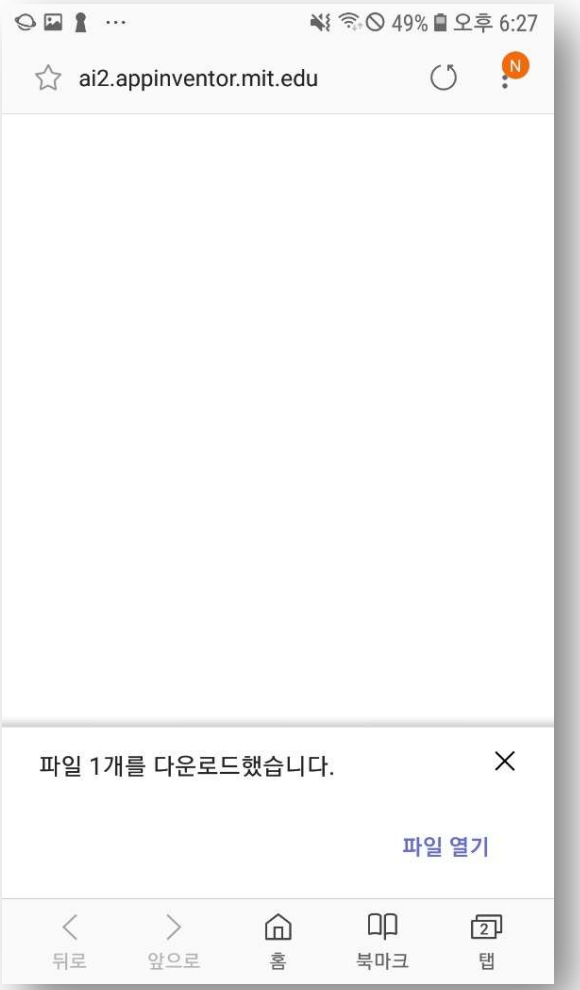
App Inventor Tutorial (43)





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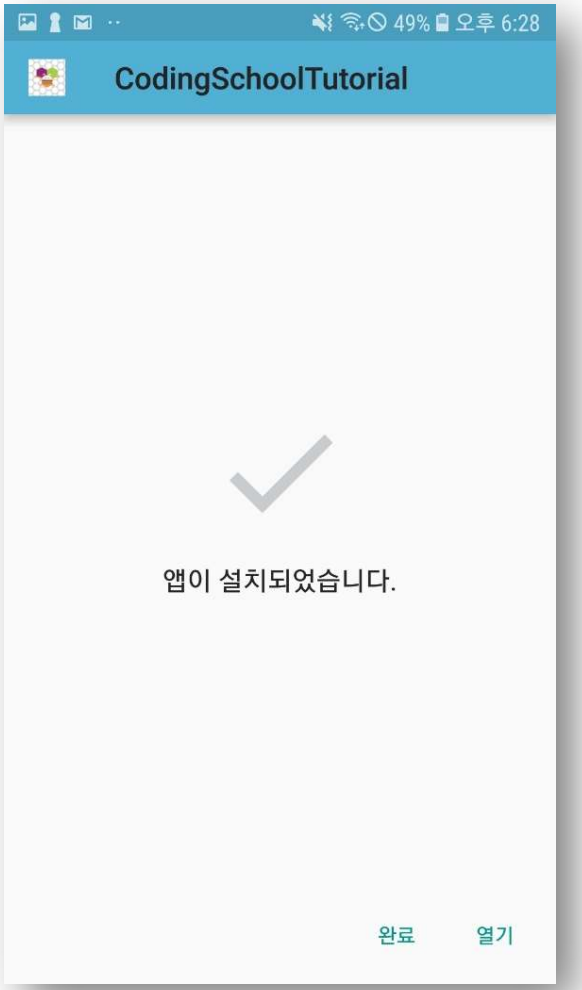
App Inventor Tutorial (44)



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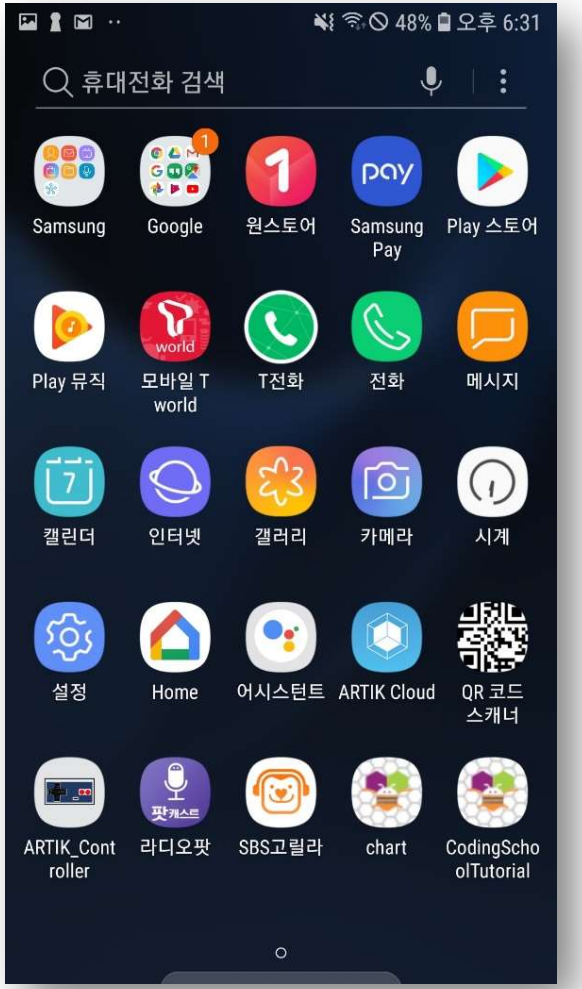
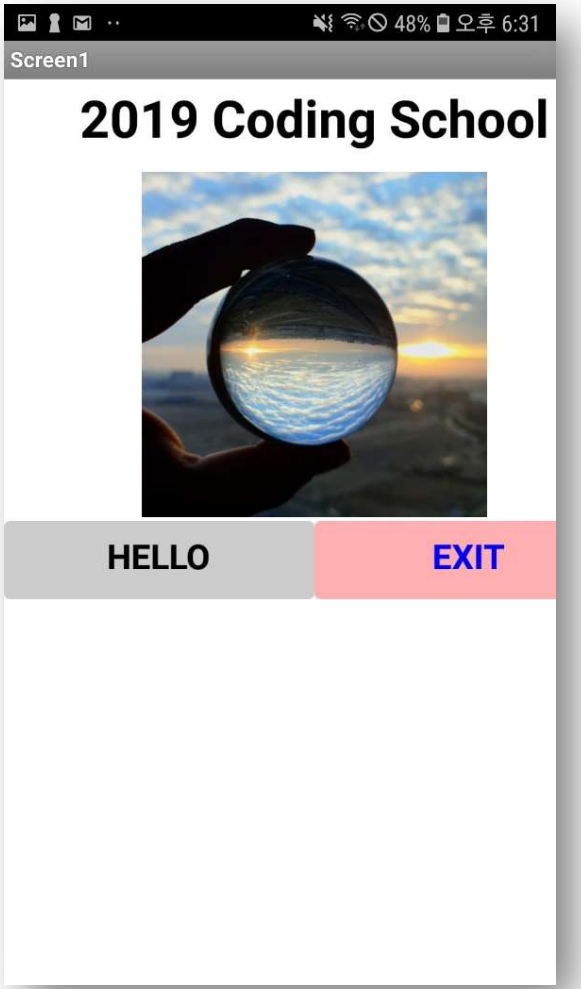
App Inventor Tutorial (45)





barun
(주)바른코어칩스

Thank you