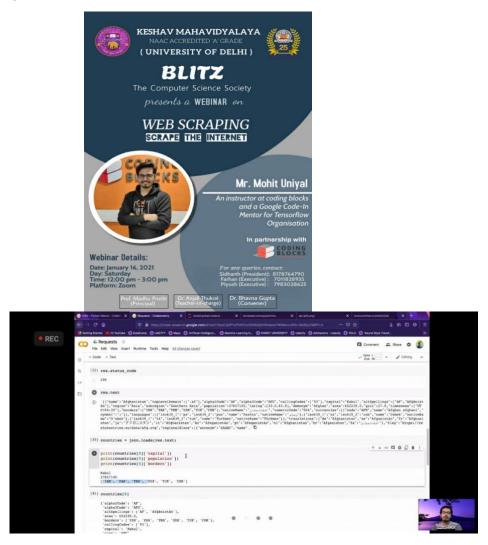
#### **Event one:**



# **Event Caption: Webinar on 'Web Scraping'**

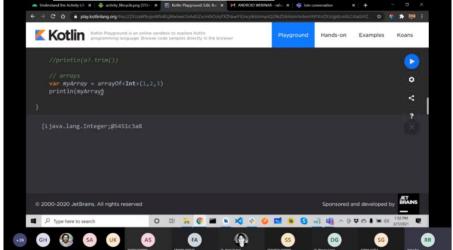
**Summary**:. Web scraping is the process to extract content and data from a website using bots. Unlike screen scraping, which only copies pixels displayed onscreen, web scraping extracts underlying HTML code and, with it, data stored in a database. The scraper can then replicate entire website content elsewhere. Approximately 100 people including faculty members and students joined the webinar on Zoom which lasted for 3 hours. The speaker started with the basics of python and then elaborated the concepts of web scraping, giving students the hands-on learning experience. Ecertificates were provided to all the participants and their valuable feedback was recorded.

**Date of Event along with organising Department/ Committee name:** 16<sup>th</sup> January, 2021, Blitz Society, Department of Computer Science

Name and bio sketch of speaker and topic of seminar: Mr. Mohit Uniyal, he is an instructor and product engineer at coding blocks who has also served as a Google code-in mentor for TensorFlow organization.

#### **Event two:**





**Event Caption: Webinar** on 'Android Development with Kotlin'

**Summary**: a cross-platform programming language (Kotlin) that may be used as an alternative to Java for Android App Development. It is much simpler for beginners to try as compared to Java. Around 80 people including students and teachers joined this two-hour long webinar on Microsoft Teams. In the first session, the basics of Kotlin was taken. The second half of the session was taken up by giving the hands-on experience of app development on Android Studio in the session.

Date of Event along with organising Department/ Committee name: 7<sup>th</sup> February, 2021, Blitz Society, Department of Computer Science

Name and bio sketch of speaker and topic of seminar: Mr. Rahul Ray( first speaker), a software engineer and Android developer at MathonGo. He has more than 3 years of experience and has worked with various start-ups and companies. by Mr. Rahul Gupta, (second speaker), a web developer in Laravel Framework (PHP). He has more than two years of experience and is currently working as an Android developer at Datsme and as a product manager at Across The Globe (ATG).

#### Event three:



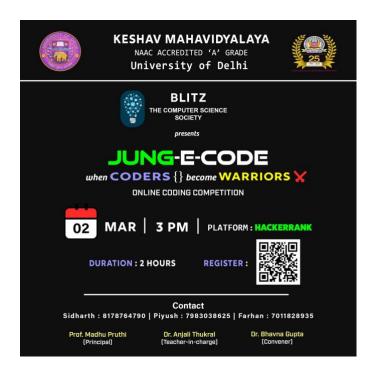
Event Caption: Webinar on "Ethical Hacking"

**Summary** Ethical hacking is a process of detecting weaknesses in an application, system, or organization's structure that an enemy can use to exploit an individual or organization. They use this process to prevent cyberattacks and security cracks by lawfully hacking into the systems and looking for weak points. The webinar was conducted on Microsoft Teams and went on for three hours. More than 60 participants including students and faculty members attended the webinar. The speaker started with the basics of ethical hacking and later gave a hands-on tutorial on hacking for the beginners. The webinar was highly insightful and knowledgeable

Date of Event along with organising Department/ Committee name: 27<sup>th</sup> February, 2021, Blitz Society, Department of Computer Science

Name and bio sketch of speaker and topic of seminar: Mr. Ayush Pritam Bagle, a cyber-security expert and a certified ethical hacker who is among India's top 50 pentesters on the website tryhackme).

Event four:



## **Event Caption:** Online, language independent coding competition

**Summary** The competition was conducted on the platform **HackerRank** and went on for three hours during which the participants could submit their codes for the respective questions on the platform itself in any coding language which they were comfortable in. The questions were of varying difficulty levels to test the coding skills of the participants. Around 32 students registered for the competition among which 3 winners were declared at the end. Certificates and cash prizes were given to all the winners.

Date of Event along with organising Department/ Committee name: 2<sup>nd</sup> March, 2021, Blitz Society, Department of Computer Science

#### Event five:



## **Event Caption: Online Data Science Competition**

**Summary:** The competition went on for 36 hours (3 days) during which the participants had to use Machine Learning algorithms to train their models and make predictions and finally, submit their codes on the platform. A public leader board was maintained which used to be updated dynamically according to the participants' scores. 20 students registered for the competition among which 3 winners were announced at the end. Certificates and cash prizes were given to all the winners

Date of Event along with organising Department/ Committee name: 28<sup>th</sup> February 2021, Blitz Society, Department of Computer Science