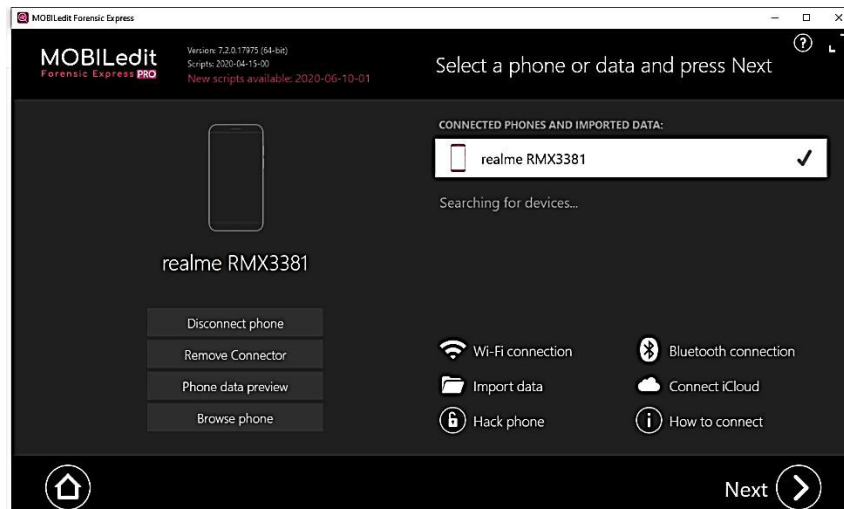


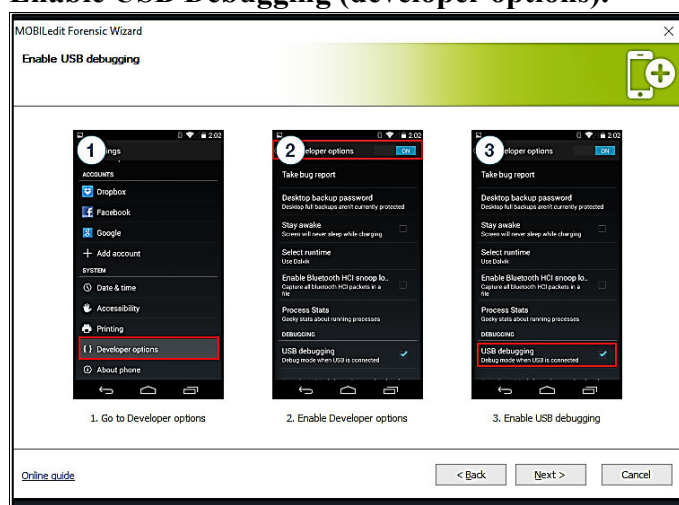
## Practical No: 08

**AIM: Acquisition of Cell phones and Mobile devices.**

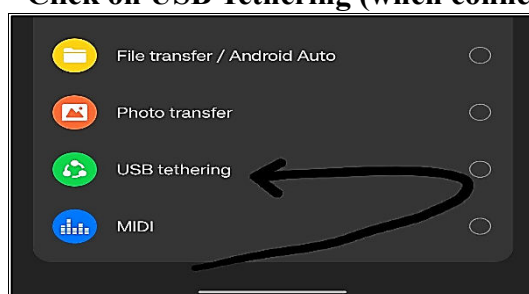
1. **Download required files.**
  - (a) MOBILedit! Forensic Software (Desktop/Laptop)
  - (b) Forensic Tool apk (Android)
2. **Connect your Device by clicking on “Connection Wizard”.**



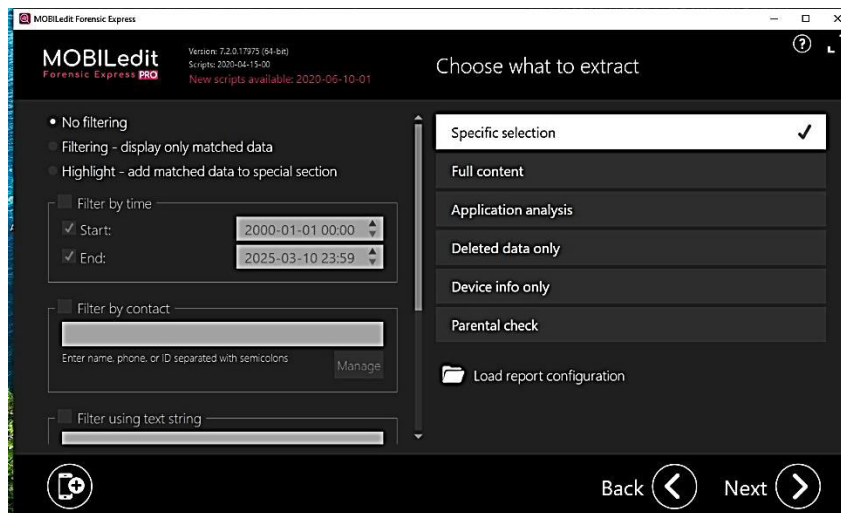
3. **Enable Developer Mode in your Phone and After Developer Mode Enabled -> Enable USB Debugging (developer options).**



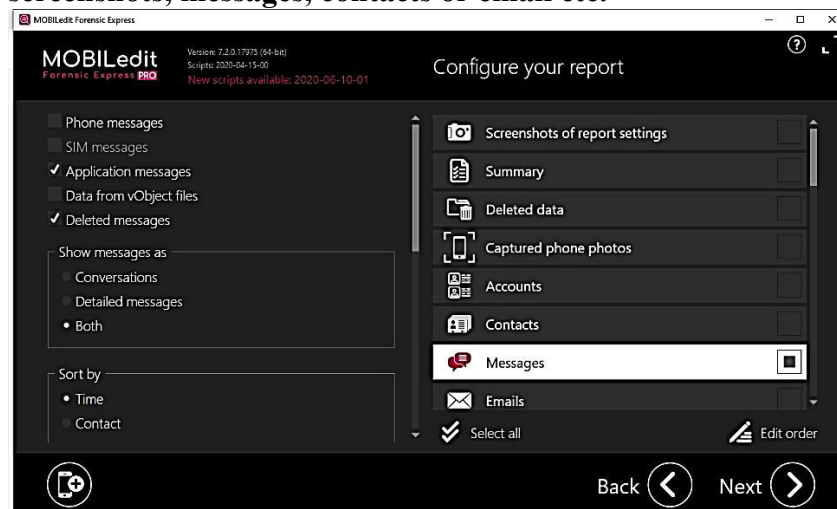
4. **Make sure USB Debugging is enabled and you choose to connect with your desktop when confirmation prompts at your phone screen (Tick if required)**  
**- Click on USB Tethering (when connected with PC/Laptop).**



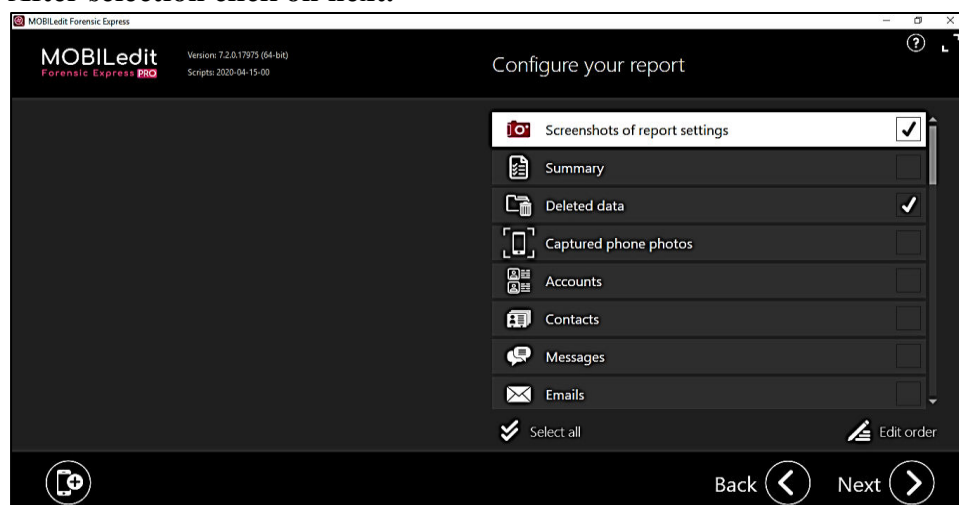
5. After successful connection select the option for what we have to extract -> Specific selection.

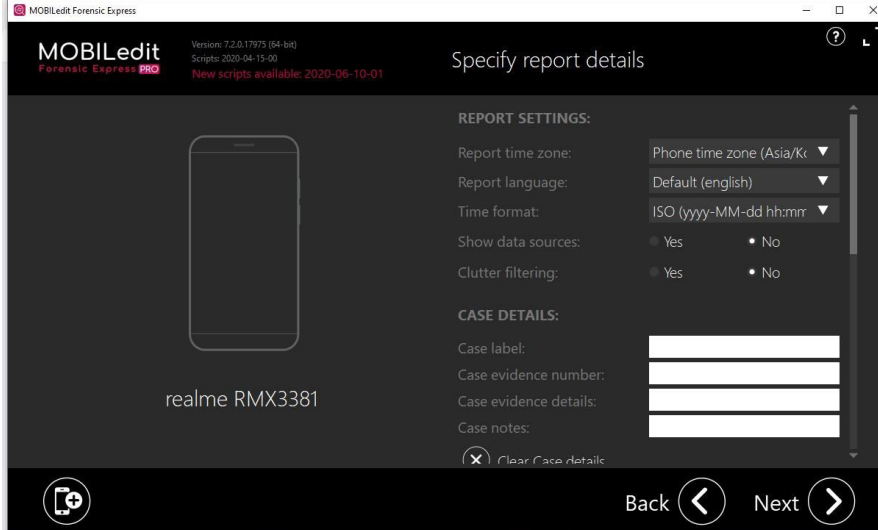


6. Click on next and select what we have to configure in the report like summary, screenshots, messages, contacts or email etc.

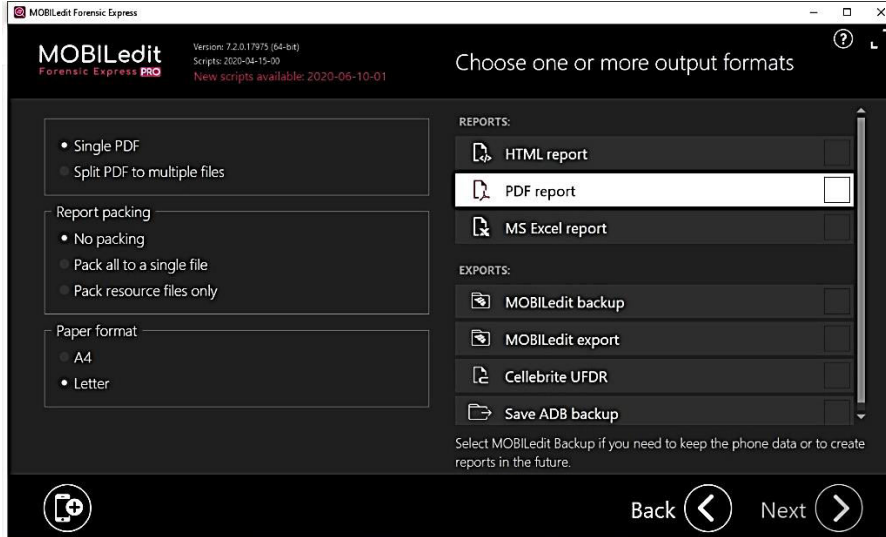


7. After selection click on next.

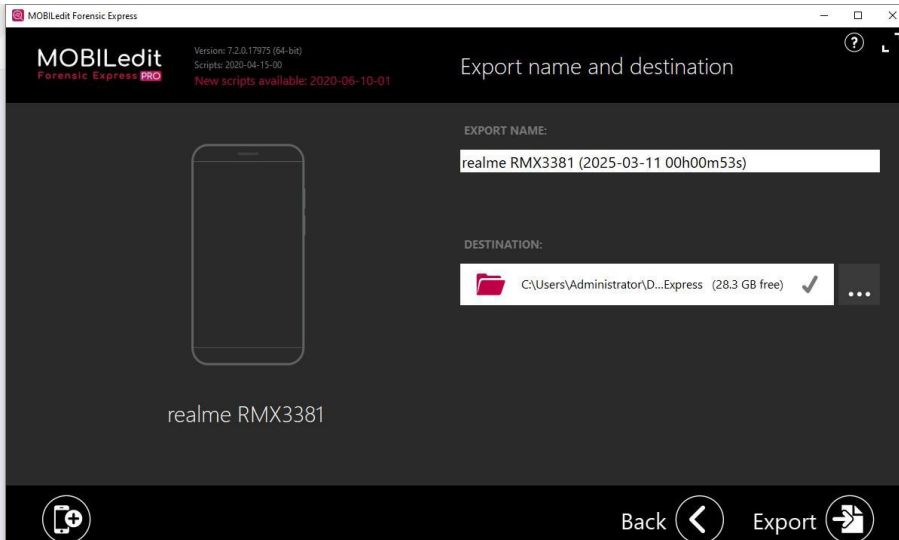


**8. Fill the report details and click on next:**

The screenshot shows the 'Specify report details' screen in MOBILedit Forensic Express. On the left, there is a placeholder for a phone image with the text 'realme RMX3381' below it. On the right, under 'REPORT SETTINGS:', there are dropdown menus for 'Report time zone' (set to 'Phone time zone (Asia/Kr)'), 'Report language' (set to 'Default (english)'), and 'Time format' (set to 'ISO (yyyy-MM-dd hh:mm)'). Below these are radio buttons for 'Show data sources' and 'Clutter filtering', both set to 'Yes'. Under 'CASE DETAILS:', there are input fields for 'Case label', 'Case evidence number', 'Case evidence details', and 'Case notes'. A 'Clear Case details' button is at the bottom left of the case details section. At the bottom of the screen are 'Back' and 'Next' navigation buttons.

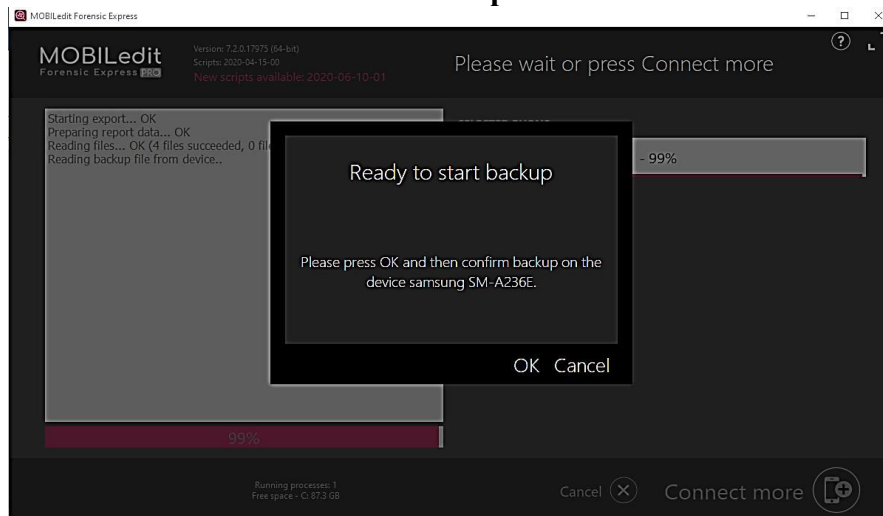
**9. Choose the output format such as HTML report or pdf report and click on next.**

The screenshot shows the 'Choose one or more output formats' screen. On the left, there are three sections: 'Single PDF' with a radio button for 'Split PDF to multiple files'; 'Report packing' with radio buttons for 'No packing', 'Pack all to a single file', and 'Pack resource files only'; and 'Paper format' with radio buttons for 'A4' and 'Letter'. On the right, under 'REPORTS:', there are checkboxes for 'HTML report', 'PDF report' (which is selected), and 'MS Excel report'. Under 'EXPORTS:', there are checkboxes for 'MOBILedit backup', 'MOBILedit export', 'Cellebrite UFDR', and 'Save ADB backup'. A note at the bottom says 'Select MOBILedit Backup if you need to keep the phone data or to create reports in the future.' At the bottom of the screen are 'Back' and 'Next' navigation buttons.

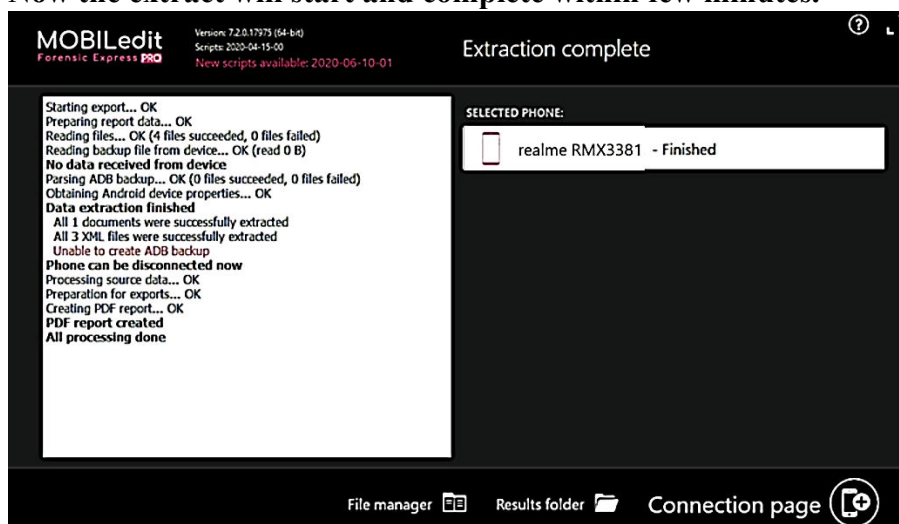
**10. Configure the report destination path and click on Export.**

The screenshot shows the 'Export name and destination' screen. On the left, there is a placeholder for a phone image with the text 'realme RMX3381' below it. On the right, under 'EXPORT NAME:', there is a text field containing 'realme RMX3381 (2025-03-11 00h00m53s)'. Under 'DESTINATION:', there is a file explorer showing a folder 'C:\Users\Administrator\Documents\Express' with '(28.3 GB free)' and a checkmark. At the bottom of the screen are 'Back' and 'Export' navigation buttons.

**11. Message will pop up and asking for ready to start backup then click on Ok and in Android device also Allow to backup data.**



**12. Now the extract will start and complete within few minutes.**



**13. Reports will be generated at the specified destination path.**

**101**

Case Evidence Number: 248736

**FORENSIC EXPRESS PHONE CONTENT REPORT**

Manufacturer	realme
Product	RMX2061
HW Revision	RKQ1.201112.002
Platform	Android
SW Revision	11 (30)
Serial Number	unknown
Rooted	No
SIM Card	No
Owner Phone Number	9322520366
Operator	airtel, MCC: 404, MNC: 92

Case Information	
Case Label	101
Case Evidence Number	248736
Case Evidence Details	phone

nothing

Device Information	
Device Label	realme